Service Manual

AOC 显示器维修手册

Model: M2460PHU

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Revision List

Version	Date	Revision History	TPV Model Name	Editors/ Redactor
A00	Jul-25-2012	Initial release	HKCAT76BBVA2DNJ	TPV-BJ-Winner

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1. Monitor Specifications

1.1 Product Features

Panel	Model number	M2460PHU	
	Driving system	TFT Color LCD	
	Viewable Image Size	61.0 cm diagonal	
	Pixel pitch	0.27675mm(H) x 0.27675 mm(V)	
	Video	R, G, B Analog Interface & Digital Interface & HDMI Interface	
	Separate Sync.	H/V TTL	
	Display Color	16.7M Colors	
	Dot Clock	165 MHz	
Resolution	Horizontal scan range	30 kHz – 83 kHz	
	Horizontal scan	531.36 mm	
	Vertical scan range	50 Hz - 76 Hz	
	Vertical scan Size(Maximum)	298.89 mm	
	Optimal preset resolution	1920 x 1080 (60 Hz)	
	Plug & Play	VESA DDC2B/CI	
	Input Connector	D-Sub 15pin,DVI-24pin,HDMI	
	Input Video Signal	Analog: 0.7Vp-p(standard), 75 OHM, TMDS	
	Power Source	100~240VAC, 50/60Hz	
	Power Consumption	Active 42 W (typical)	
		Standby < 0.5 W	
	Off timer	0～24 hrs	
	Speakers	2W x 2	
Physical Characteristics	Connector Type	15-pin Mini D-Sub /DVI-D /HDMI	
	Signal Cable Type	Detachable	
Environmental	Temperature:	Operating	0° to 40°
		Non-Operating	-25° to 55°
	Humidity:	Operating	10% to 85% (non-condensing)
		Non-Operating	5% to 80% (non-condensing)
	Altitude:	Operating	0~ 3000m (0~ 10000 ft)
		Non-Operating	0~ 5000m (0~ 15000 ft)

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1.2 Factory Preset Mode

STANDARD	RESOLUTION	HORIZONTAL FREQUENCY(KHZ)	VERTICAL FREQUENCY(KHZ)
VGA	640×480 @60Hz	31.469	59.940
VGA	640×480 @67Hz	35.000	66.667
VGA	640×480 @72Hz	37.861	72.809
VGA	640×480 @75Hz	37.500	75.000
Dos-mode	720×400 @70Hz	31.469	70.087
SVGA	800×600 @56Hz	35.156	56.250
SVGA	800×600 @60Hz	37.879	60.317
SVGA	800×600 @72Hz	48.077	72.188
SVGA	800×600 @75Hz	46.875	75.000
SVGA	832×624 @75Hz	49.725	74.551
XGA	1024×768 @60Hz	48.363	60.004
XGA	1024×768 @70Hz	56.476	70.069
XGA	1024×768 @75Hz	60.023	75.029
XGA	1024×768 @75Hz	60.241	74.927
XGA	1280×720 @60Hz	45.000	60.000
XGA	1280×960 @60Hz	60.000	60.000
SXGA	1280×1024 @60Hz	63.981	60.020
SXGA	1280×1024 @75Hz	79.976	75.025
WXGA+	1440×900 @60Hz	55.935	59.887
WSXGA	1680X1050 @60Hz	65.290	59.954
HD	1920×1080 @60Hz	67.500	60.000

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2. Setup

2.1 Contents in Box

Monitor

CD Manual

Monitor Base / Stand

Power Cable

DVI Cable

Analog Cable

Audio Cable

HDMI Cable

USB Cable

Note: Not all signal cables (HDMI cables) will be provided for all countries and regions. Please check with the local dealer or AOC branch office for confirmation.

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2.2 Setup Stand & Base

Please setup or remove the base following the steps as below.

Setup:

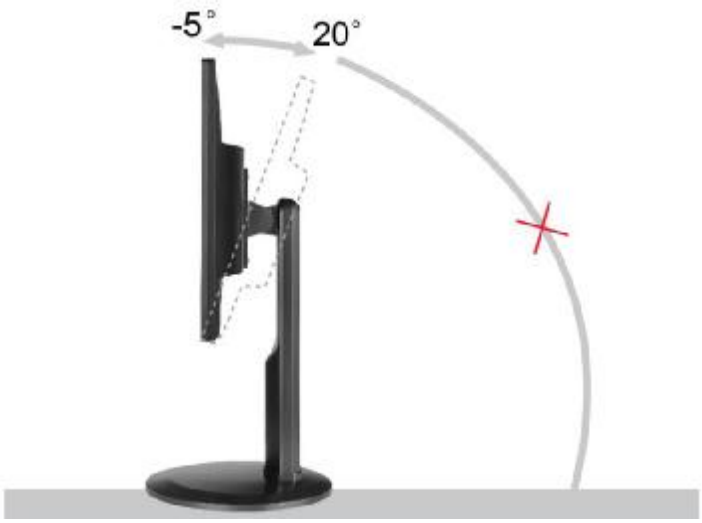
Remove:

2.3 Adjusting Viewing Angle

For optimal viewing it is recommended to look at the full face of the monitor, then adjust the monitor's angle to your own preference.

Hold the stand so you will not topple the monitor when you change the monitor's angle.

You are able to adjust the monitor's angle from -5° to 20 °.



Note: Do not touch the LCD screen when you change the angle. It may cause damage or break the LCD screen

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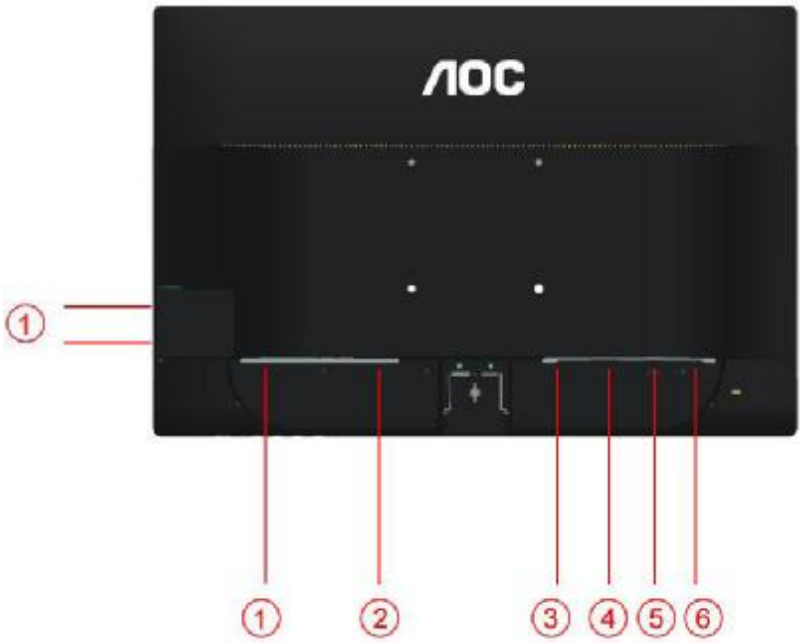
2.4 Connecting the Monitor

Cable Connections In Back of Monitor and Computer:



1. USB

2. Power

3. HDMI

4. DVI

5. Analog (DB-15 VGA cable)

6. Line in

To protect equipment, always turn off the PC and LCD monitor before connecting.

1. Connect the power cable to the AC port on the back of the monitor.
2. Connect one end of the 15-pin D-Sub cable to the back of the monitor and connect the other end to the computers D-Sub port.
3. Connect one end of the DVI cable to the back of the monitor and connect the other end to the computers DVI port.
4. (Optional – Requires a video card with HDMI port) - Connect one end of the HDMI cable to the back of the monitor and connect the other end to the computers HDMI port.
5. Turn on your monitor and computer.

If your monitor displays an image, installation is complete. If it does not display an image, please refer Troubleshooting.

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2.5 Wall Mounting

Preparing to Install An Optional Wall Mounting Arm.

This monitor can be attached to a wall mounting arm you purchase separately. Disconnect power before this procedure. Follow these steps:

1. Remove the base.

2. Follow the manufacturer's instructions to assemble the wall mounting arm.

3. Place the wall mounting arm onto the back of the monitor. Line up the holes of the arm with the holes in the back of the monitor.

4. Insert the 4 screws into the holes and tighten.

5. Reconnect the cables. Refer to the user's manual that came with the optional wall mounting arm for instructions on attaching it to the wall.

Note : VESA mounting screw holes are not available for all models, please check with the dealer or official department of AOC.

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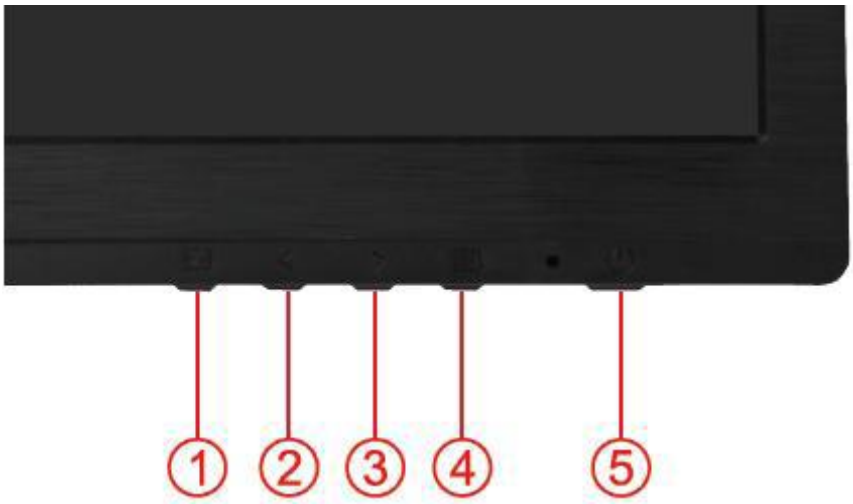
3. Operation Instructions

3.1 Hotkeys



1	Source / Auto / Exit
2	Eco (DCR / i-Care) / <
3	Volume / >
4	Menu / Enter
5	Power

Power

Press the Power button to turn on/off the monitor.

Menu/Enter

Press to display the OSD or confirm the selection.

> Volume

When there is no OSD, Press Volume button to active volume adjustment bar,Press < or > to adjust volume(Only for the models with speakers)

< Eco (DCR/i-Care)

Press the Eco key continuously to select the Eco mode of brightness and DCR/I-Care on when there is no OSD. (Eco mode hot key may not be available in all models).

Source/Auto/Exit

When the OSD is closed, press Source/Auto/Exit button will be auto configure hot key function. When the OSD is closed, press Source/Auto/Exit button continuously about 3 second to do auto configure (Only for the models with dual or more inputs).

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3.2 OSD Setting

Basic and simple instruction on the control keys.

1) Press the **MENU-button** to activate the OSD window.

2) Press < or > to navigate through the functions. Once the desired function is highlighted, press the **MENU-button** to activate it. Press < or > to navigate through the sub-menu functions. Once the desired function is highlighted, press **MENU-button** to activate it.

3) Press < or > to change the settings of the selected function. Press **AUTO** to exit. If you want to adjust any other function, repeat steps 2-3.

4) OSD Lock Function: To lock the OSD, press and hold the **MENU button** while the monitor is off and then press **power button** to turn the monitor on. To un-lock the OSD - press and hold the **MENU button** while the monitor is off and then press **power button** to turn the monitor on.

Notes:

1) If the product has only one signal input, the item of "Input Select" is disable to adjust.

2) If the product screen size is 4:3 or input signal resolution is wide format, the item of "Image Ratio" is disable to adjust.

3) One of DCR, Color Boost, and Picture Boost functions is active, the other two function is turned off accordingly.

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Luminance

1. Press (Menu) to display menu.

2. Press < or > to select (Luminance), and press to enter.

3. Press < or > to select submenu, and press to enter.

4. Press < or > to adjust.

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5. Press to exit.

	Brightness	0-100		Backlight Adjustment
	Contrast	0-100		Contrast from Digital-register.
	Eco mode	Standard		Standard Mode
		Text		Text Mode
		Internet		Internet Mode
		Game		Game Mode
		Movie		Movie Mode
		Sports		Sports Mode
	Gamma	Gamma1		Adjust to Gamma1
		Gamma2		Adjust to Gamma 2
		Gamma3		Adjust to Gamma 3
	DCR	Off		Disable dynamic contrast ratio
		On		Enable dynamic contrast ratio
	Overdrive	Weak		
		Medium		
		Strong		
		Off		
	i-Care	On	adjusts the brightness according to light intensity	
		Off		

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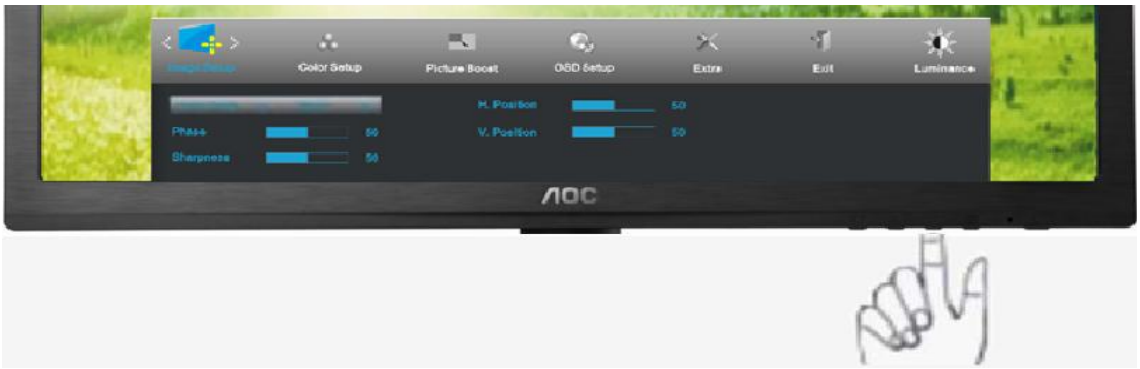
Image Setup

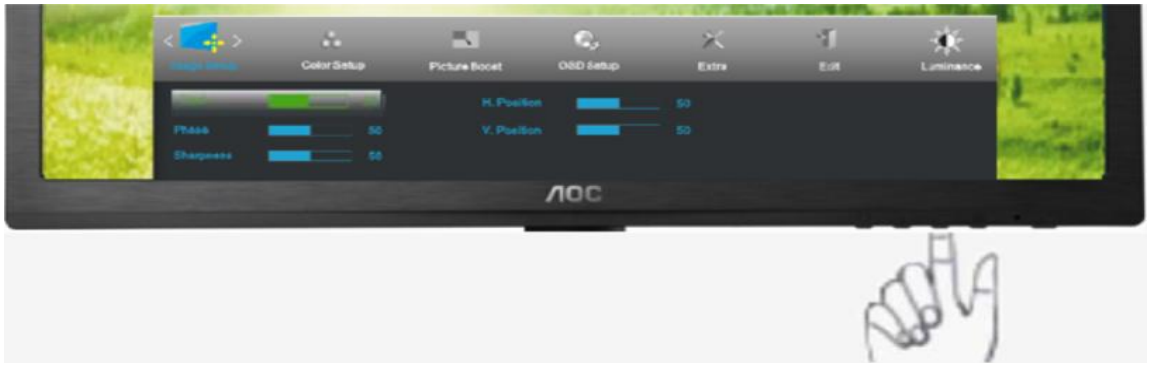
1. Press (Menu) to display menu.

2. Press < or > to select (Image Setup), and press to enter.

3. Press < or > to select submenu, and press to enter.



4. Press < or > to adjust.



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5. Press to exit.

	Clock	0-100	Adjust picture Clock to reduce Vertical-Line noise.
	Phase	0-100	Adjust Picture Phase to reduce Horizontal-Line noise
	Sharpness	0-100	Adjust picture sharpness
	H.Position	0-100	Adjust the horizontal position of the picture.
	V.Position	0-100	Adjust the vertical position of the picture.

Color Setup

1. Press (Menu) to display menu.

2. Press < or > to select (Color Setup), and press to enter.

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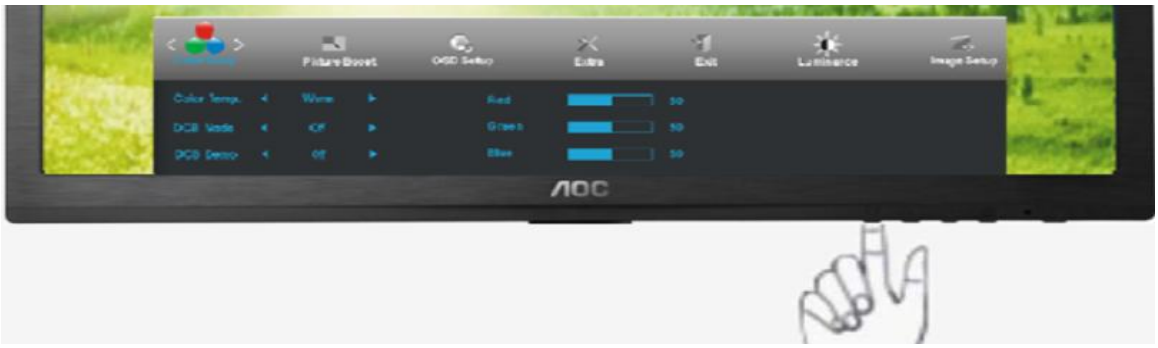
3. Press < or > to select submenu, and press to enter.

4. Press < or > to adjust.

5. Press to exit.



	Color Temp.	Warm		Recall Warm Color Temperature from EEPROM.
		Normal		Recall Normal Color Temperature from EEPROM.
		Cool		Recall Cool Color Temperature from EEPROM.
		sRGB		Recall SRGB Color Temperature from EEPROM.
		User	Red	Red Gain from Digital-register
			Green	Green Gain Digital-register.
			Blue	Blue Gain from Digital-register
	DCB Mode	Full Enhance	on or off	Disable or Enable Full Enhance Mode
		Nature Skin	on or off	Disable or Enable Nature Skin Mode
		Green Field	on or off	Disable or Enable Green Field Mode
		Sky-blue	on or off	Disable or Enable Sky-blue Mode
		AutoDetect	on or off	Disable or Enable AutoDetect Mode
	DCB Demo		On or off	Disable or Enable Demo

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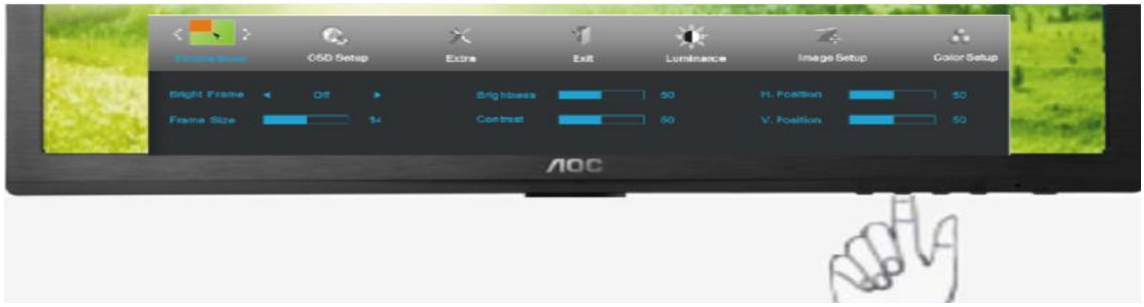
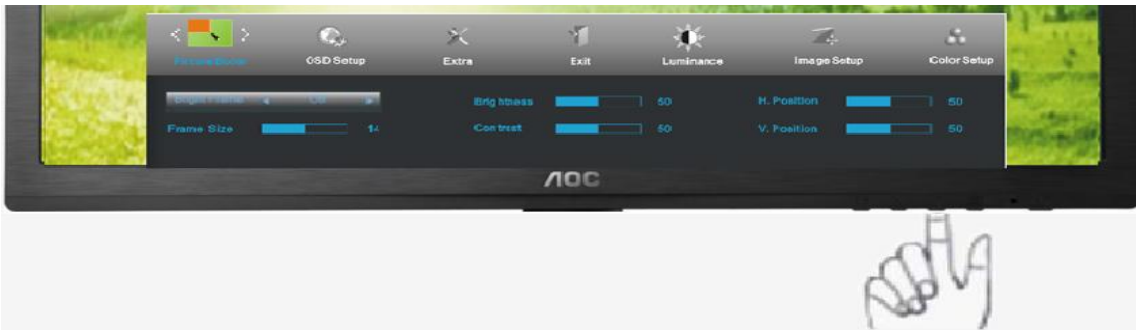
Picture Boost

1. Press (Menu) to display menu.

2. Press < or > to select (Picture Boost), and press to enter.



3. Press < or > to select submenu, and press to enter.



4. Press < or > to adjust.

5. Press to exit.

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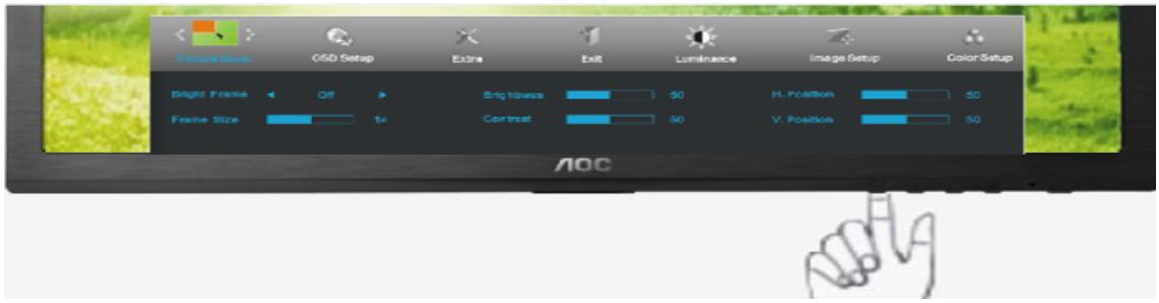
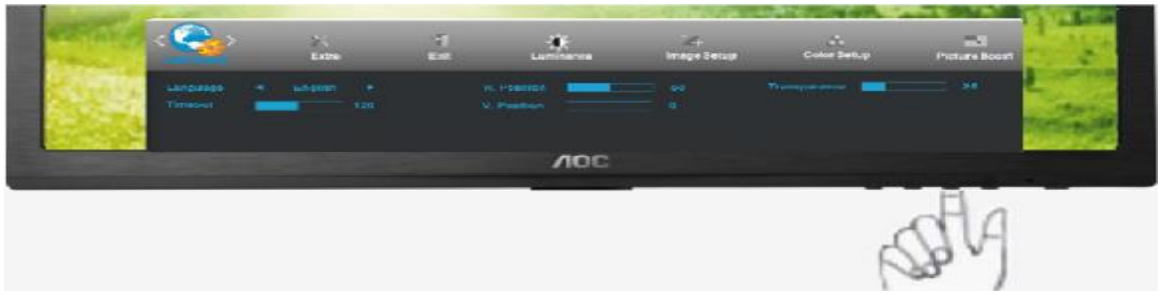


	Frame Size	14-100	Adjust Frame Size
	Brightness	0-100	Adjust Frame Brightness
	Contrast	0-100	Adjust Frame Contrast
	H. position	0-100	Adjust Frame horizontal Position
	V.position	0-100	Adjust Frame vertical Position
	Bright Frame	on or off	Disable or Enable Bright Frame

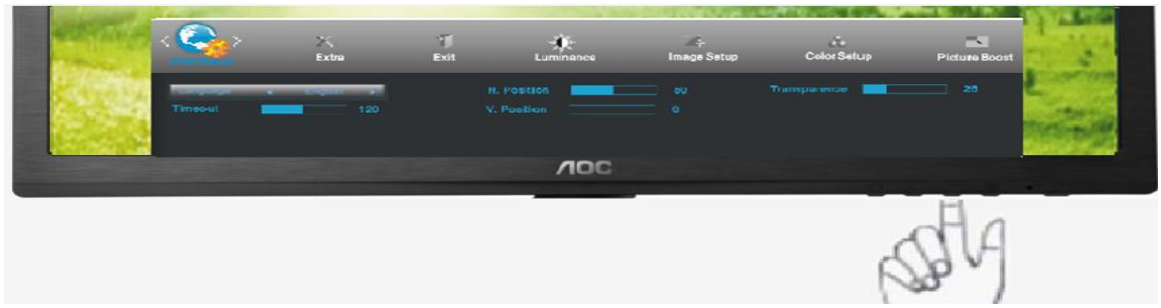
OSD Setup

1. Press (Menu) to display menu.

2. Press < or > to select (OSD Setup), and press to enter.



3. Press < or > to select submenu, and press to enter.



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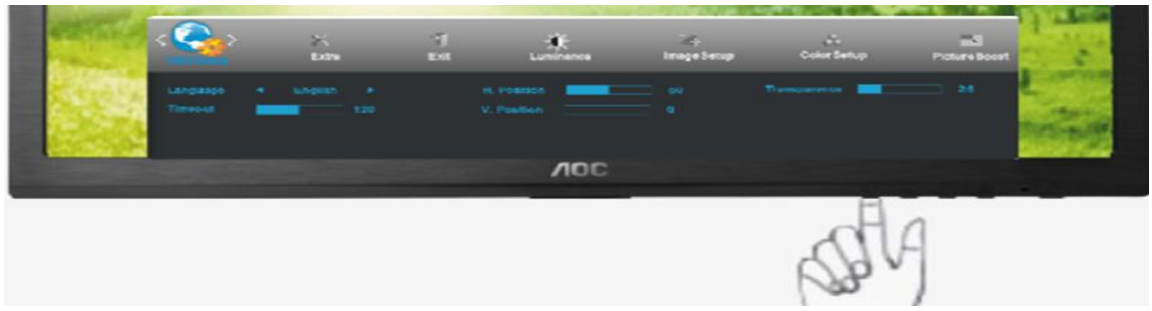
4. Press < or > to adjust.

5. Press to exit.

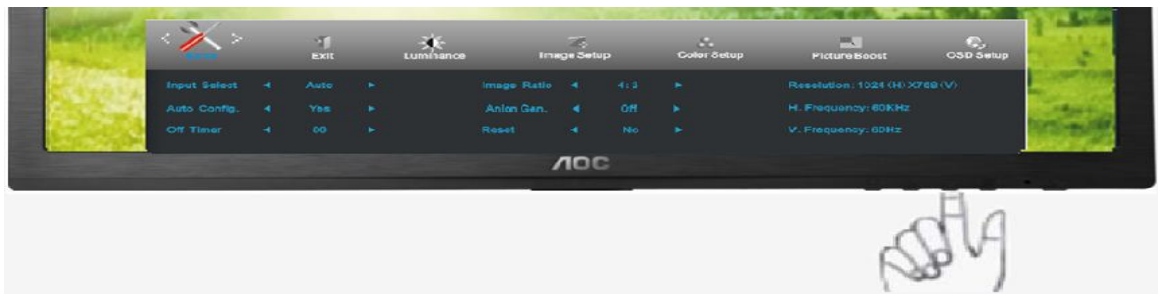


	H.Position	0-100	Adjust the horizontal position of OSD
	V.Position	0-100	Adjust the vertical position of OSD
	Timeout	5-120	Adjust the OSD Timeout
	Transparence	0-100	Adjust the transparence of OSD
	Language		Select the OSD language

Extra

1. Press (Menu) to display menu.

2. Press < or > to select (Extra), and press to enter.



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3. Press < or > to select submenu, and press to enter.

4. Press < or > to adjust.

5. Press to exit.

	Input Select	Auto / Analog / DVI / HDMI	Select Input Signal Source
	Auto Config	yes or no	Auto adjust the picture to default
	Off timer	0-24hrs	Select DC off time
	Image Ratio	wide or 4:3	Select wide or 4:3 format for display
	Anion Gen	On/off	Turn ON/OFF Anion Gen Support
	Reset	Yes or no	Reset the menu to default
	Information		Show the information of the main image and sub-image source

Exit

1. Press (Menu) to display menu.

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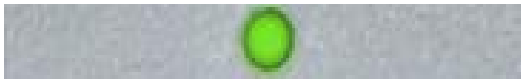
2. Press < or > to select (Exit), and press to enter.

3. Press to exit.

	Exit		Exit the main OSD

3.3 LED Indicator

status	LED Color	
Full Power Mode	Green or Blue	
Active-off Mode	Orange or Blue	

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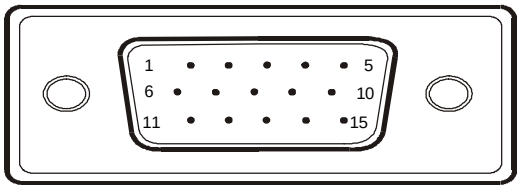
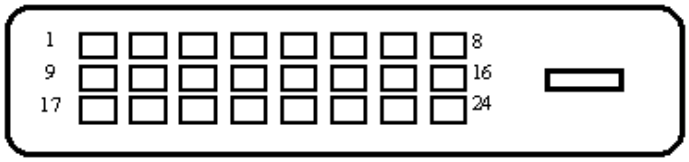
4. Interface description

4.1 D-Sub 15pin Interface

Pin No.	Description	Pin No.	Description
1.	Red Input	9.	+5VDC
2.	Green Input	10.	GND
3.	Blue Input	11.	GND
4.	GND	12.	SDA- DDC-Serial Data
5.	Connection detect	13.	H Sync
6.	Red GND	14.	V Sync
7.	Green GND	15.	SCL- DDC-Serial Clock
8.	Blue GND		
VGA Connector layout			

4.2 DVI Interface

Pin No.	Description	Pin No.	Description
1.	TMDS Data 2-	13.	TMDS Data 3+
2.	TMDS Data 2+	14.	+5V Power
3.	TMDS Data 2/4 Shied	15.	Ground (for +5V)
4.	TMDS Data 4-	16.	Hot Plug Detect
5.	TMDS Data 4+	17.	TMDS Data 0+
6.	DDC Clock	18.	TMDS Data 0-
7.	DDC Data	19.	TMDS Data 0/5 Shield
8.	N.C.	20.	TMDS Data 5-
9.	TMDS Data 1-	21.	TMDS Data 5+
10.	TMDS Data 1+	22.	TMDS Clock Shield
11.	TMDS Data 1/3 Shield	23.	TMDS Clock+
12.	TMDS Data 3-	24.	TMDS Clock-
DVI Connector layout			

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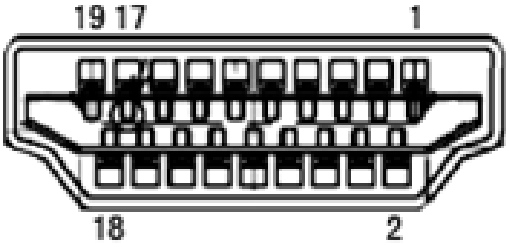
4.3 HDMI Interface

Pin No.	Description	Pin No.	Description
1	TMDS Data2+	13	TMDS Clock Shield
2	TMDS Data2 Shield	14	TMDS Clock–
3	TMDS Data2–	15	CEC
4	TMDS Data1+	16	Reserved (N.C. on device)
5	TMDS Data1 Shield	17	SCL
6	TMDS Data1–	18	SDA
7	TMDS Data0+	19	DDC/CEC Ground
8	TMDS Data0 Shield	20	+5 V Power
9	TMDS Data0–	21	Hot Plug Detect
10	TMDS Clock+	22	
HDMI Connector layout			

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5. Panel Feature

This specification applies to the 24 inch-wide Color TFT-LCD Module M240HW02. The display supports the Full HD - 1920(H) x 1080(V) screen format and 16.7M colors (RGB 8-bits data). All input signals are dual channel LVDS interface and this module doesn't contain an inverter board for backlight.

5.1 General Features

The following items are characteristics summary on the table under 25℃ condition:

ITEMS	Unit	SPECIFICATIONS
Screen Diagonal	[mm]	609.7(24.0")
Active Area	[mm]	531.36 (H) x 298.89 (V)
Pixels H x V		1920(x3) x 1080
Pixel Pitch	[um]	276.75 (per one triad) ×276.75
Pixel Arrangement		R.G.B. Vertical Stripe
[返回目录		VA Mode, Normally Black
White Luminance (Center)	[cd/m^2]	250 cd/m^2 (Typ.)
Contrast Ratio		5000 (Typ.)
Optical Response Time	[msec]	12ms (Typ., on/off)
Nominal Input Voltage VDD	[Volt]	+5.0 V
Power Consumption (VDD line + LED line)	[Watt]	26.3(Typ.) (without inverter, all white pattern)
Weight	[g]	2050 (Typ.)
Physical Size	[mm]	556.0 (W) x 323.2 (H) x 11.5 (D) typ
Electrical Interface		Dual channel LVDS
Support Color		16.7M colors (RGB 8-bit)
Surface Treatment		Anti-Glare, 3H
Temperature Range Operating Storage (Shipping)	[°C] [°C]	0 to +50 -20 to +60
RoHS Compliance		RoHS Compliance
TCO Compliance		TCO 5.1 Compliance

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5.2 Absolute Maximum Ratings

Absolute maximum ratings of the module are as follows:

Item	Symbol	Min	Max	Unit	Conditions
Logic/LCD Drive	VDD	0	6.0	[Volt]	Note 1, Note 2
LED Current	ICFL	-	120	[mA]	Note 1, Note 2
Operating Temperature	TOP	0	+50	[℃]	Note 3
Glass surface temperature (operation)	TGS	0	+65	[℃]	Note 3, Note 4
Operation Humidity	HOP	5	90	[%RH]	Note 3
Storage Temperature	TST	-20	+60	[℃]	
Storage Humidity	HST	5	90	[%RH]	

5.3. Electrical Characteristics

5.3.1. TFT-LCD Module

（1） Power Specification

Input power specifications are as follows:

Symbol	Parameter	Min	Typ	Max	Unit	Conditions
VDD	Logic/LCD Drive Voltage	4.5	5.0	5.5	[Volt]	+/-10%
IDD1	Input Current	-	0.9	1.2	[A]	VDD= 5.0V,All white Pattern, At 60 Hz
			0.95	1.27		VDD= 5.0V,All white Pattern, At 75Hz
PDD1	VDD Power	-	4.5	6	[Watt]	VDD= 5.0V,All white Pattern, At 60Hz
			4.75	6.35		VDD= 5.0V,All white Pattern, At 75Hz
IRush	Inrush Current	-	-	3	[A]	**Note 1**
VDDrp	Allowable Logic/LCD Drive Ripple Voltage	-	-	500	[mV] p-p	VDD= 5.0V, All white Pattern At 60Hz

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（2）Signal Electrical Characteristics

Characteristics of each signal are as following:

Symbol	Parameter	Min	Typ	Max	Units	Condition
VTH	Differential Input High Threshold	-	+50-	+100	[mV]	VICM = 1.2V *Note 1*
VTL	Differential Input Low Threshold	-100	--50	-	[mV]	VICM = 1.2V *Note 1*
| VID |	Input Differential Voltage	100	-	600	[mV]	*Note 1*
VICM	Differential Input Common Mode Voltage	+1.0	+1.2	+1.5	[V]	VTH-VTL = 200MV (max) *Note 1*

5.3.2. Backlight Unit

Parameter guideline for LED driving is under stable conditions at 25 ℃ Room temperature:

Symbol	Parameter	Min.	Typ.	Max.	Unit	Note
IRLED	LED Operation Current	-	110	120	[mA] Note 1	Operating with fixed driving current
VLB	Light Bar Operation Voltage (for reference)	42	46.2	50.4	[Volt] Note 2	
PBLU	BLU Power consumption (for reference)	17.9	20.02		[Watt] Note 3	
LTLED	LED life Time (Typical)	30,000			[Hour] Note 4	

Note 1: The specified current is input LED chip 100% duty current.

Note 2: The value showed in the table is one light bar's operation voltage.

Note 3: Based on the operating current is 110mA.

Note 4: Each LED light bar consists of 56 pcs LED package (4 strings x 14 pcs / string)

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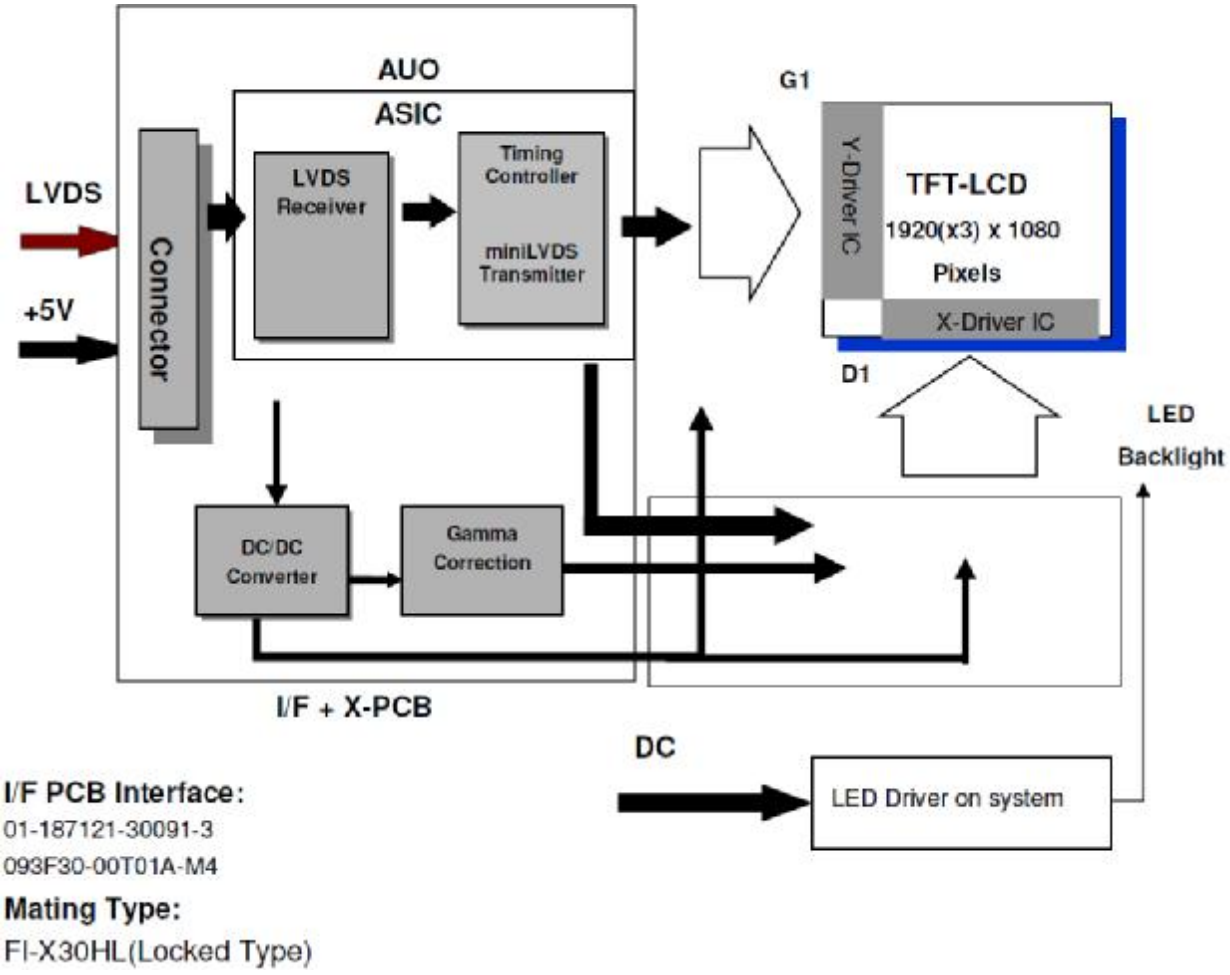
5.4 Panel Block Diagram



5.5 LVDS pin assignment

Pin#	Signal Name	Pin#	Signal Name
1	RxOIN0-	2	RxOIN0+
3	RxOIN1-	4	RxOIN1+
5	RxOIN2-	6	RxOIN2+
7	Power Ground	8	RxOCLKIN-
9	RxOCLKIN+	10	RxOIN3-
11	RxOIN3+	12	RxEIN0-
13	RxEIN0+	14	Power Ground
15	RxEIN1-	16	RxEIN1+
17	Power Ground	18	RxEIN2-
19	RxEIN2+	20	RxECLKIN-
21	RxECLKIN+	22	RxEIN3-
23	RxEIN3+	24	Power Ground
25	NC (for AUO test only. Do not connect)	26	NC (for AUO test only. Do not connect)
27	NC (for AUO test only. Do not connect)	28	VDD Power +5V
29	VDD Power +5V	30	VDD Power +5V

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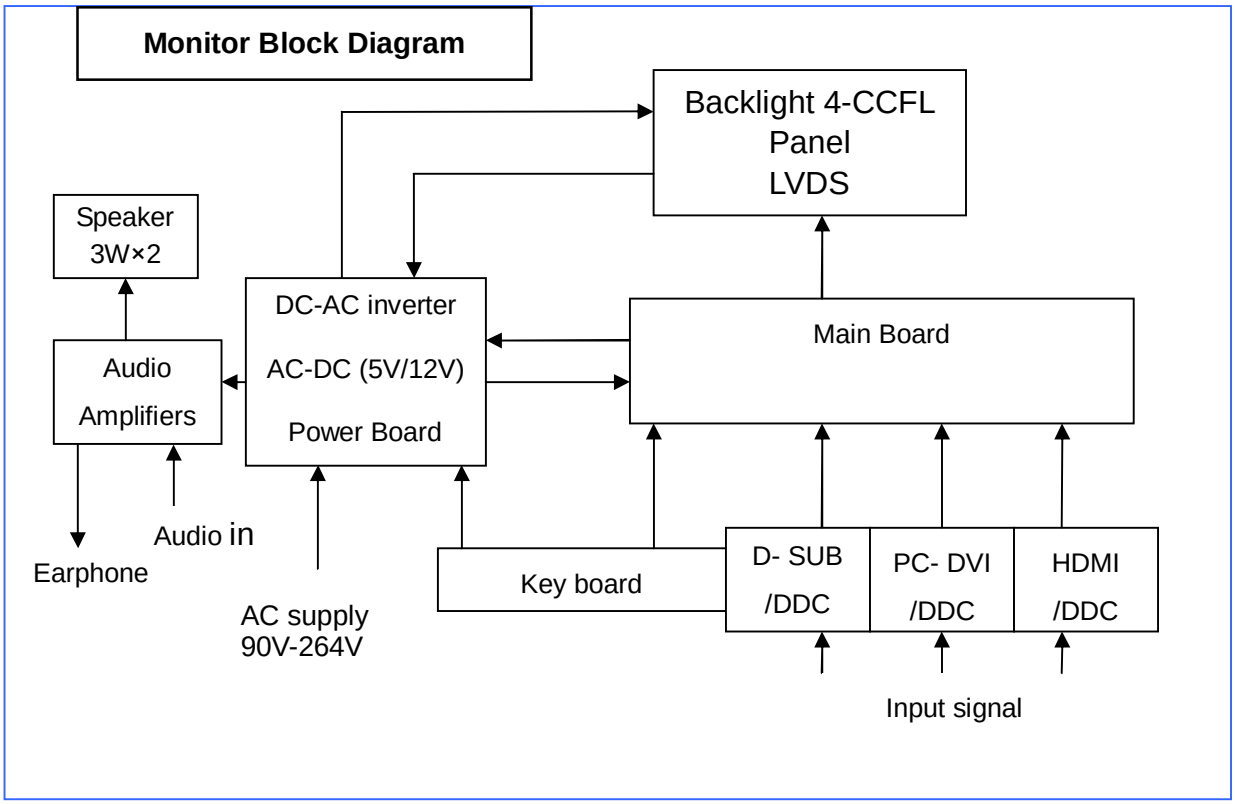
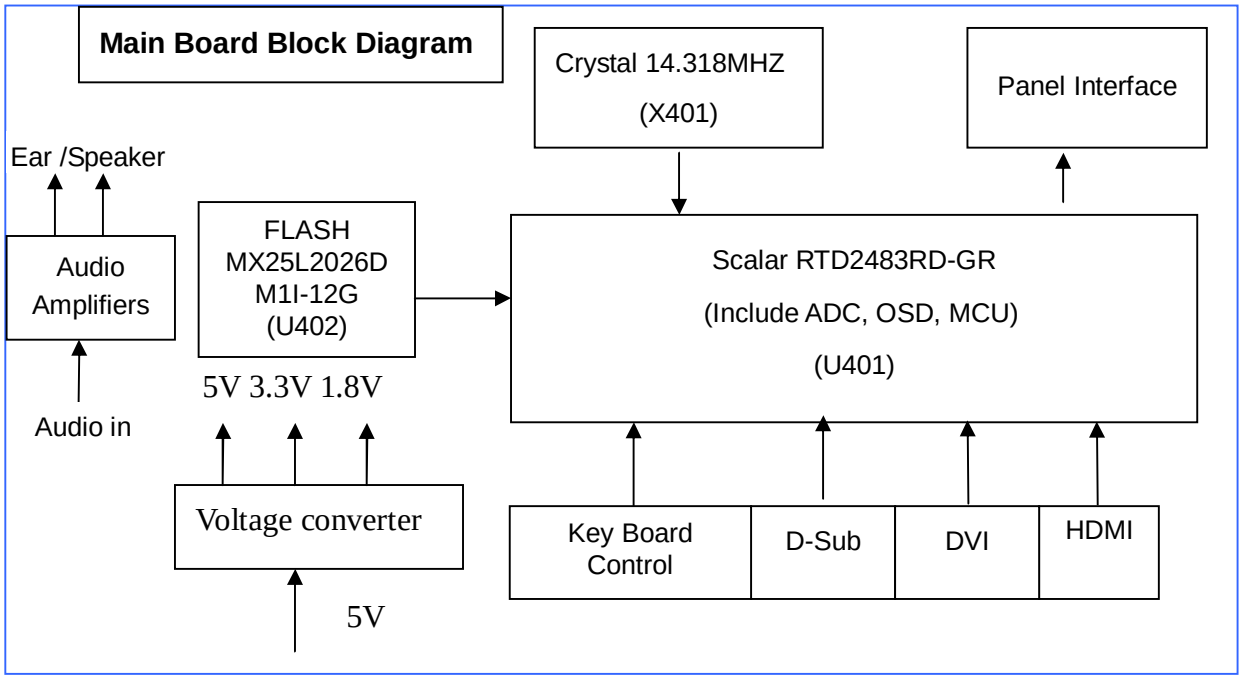
6. Block Diagram

6.1 LCD Block Diagram

The LCD Monitor will contain main board, power board, key board which house the flat panel control logic, brightness control logic and DDC.
The power board will provide AC to DC main board chips each voltage. and the Inverter voltage DC to AC to drive the backlight of panel



6.2 Main Board Block Diagram



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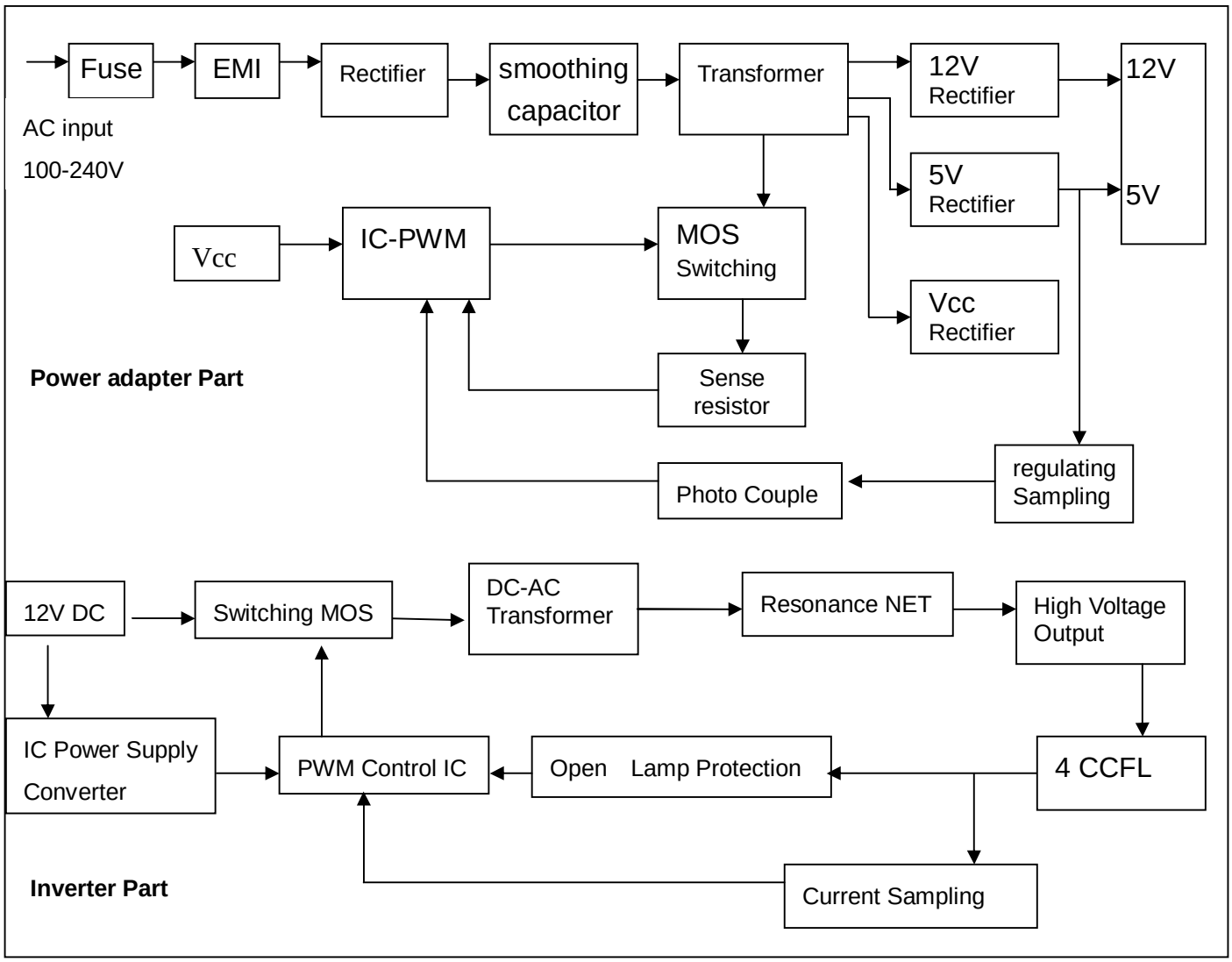
6.3 Power Board Block Diagram



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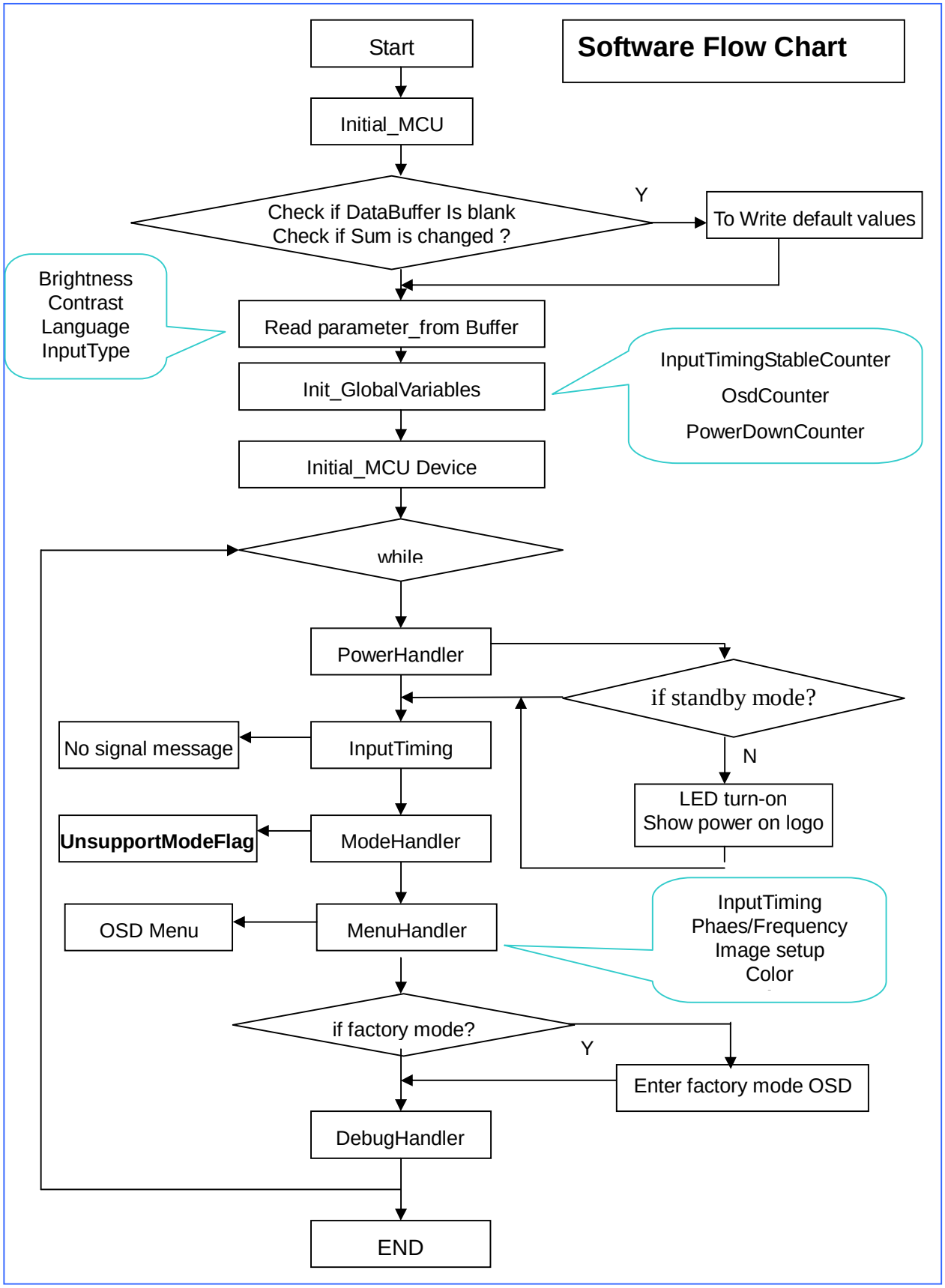
6.4 Software Flow Chart



------Just for your reference

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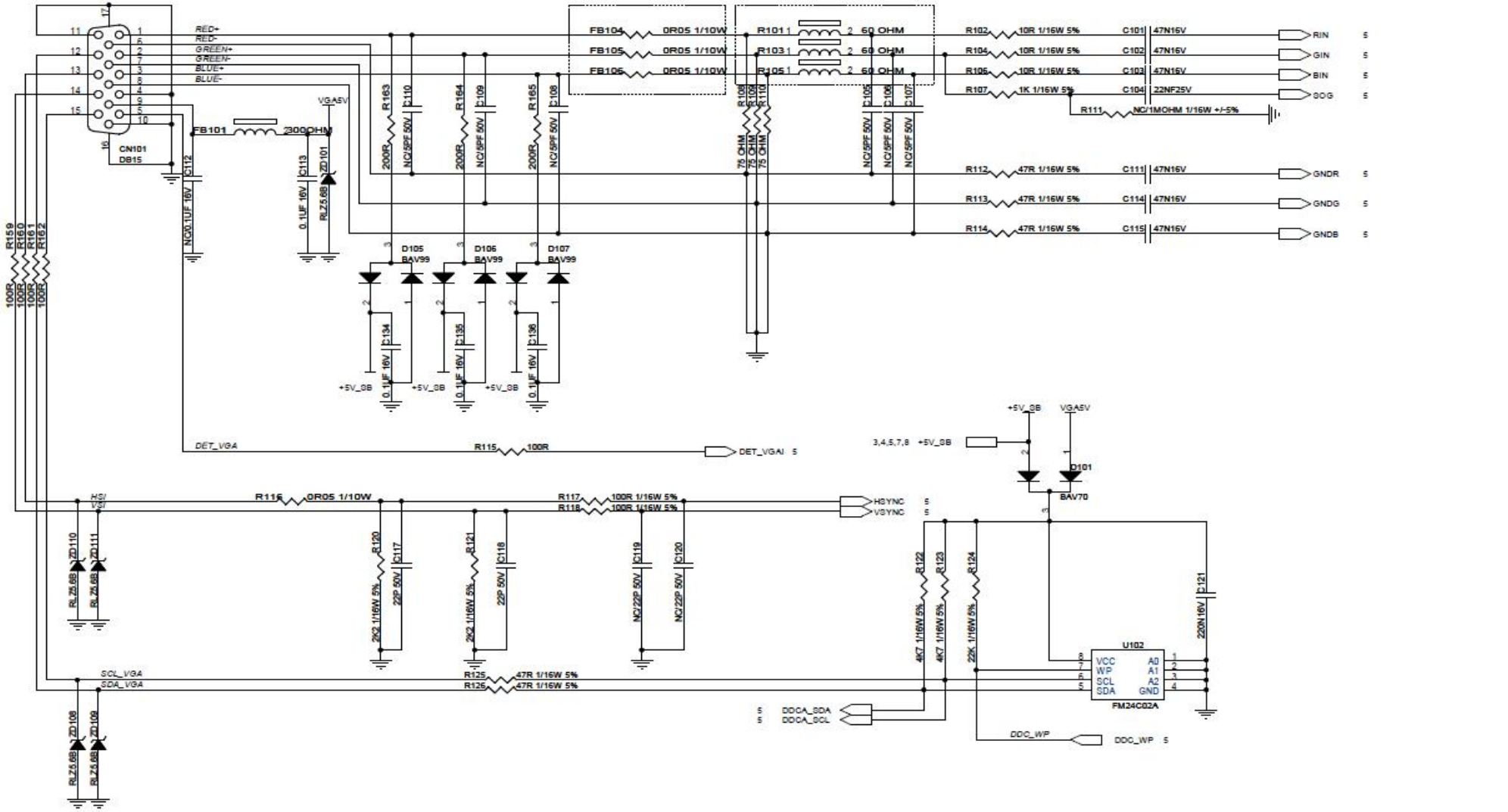
7. Schematic

7.1 Main Board 715G5436M0D000004L



TPV (Top Victory Electronics Co., Ltd.)		OEM MODEL	AOC	Size	B
結構名稱	G5436-M0D-000-0040-120229	TPV MODEL	E2460PWHU/E2460PHU/E2460SHU/E2260PHU/E2260PWHU	REV	D
Key Component	2. D-SUB Interface	PCB NAME	715G5436-M0D		
Date	Monday, April 23, 2012	Sheet	2 of 8		

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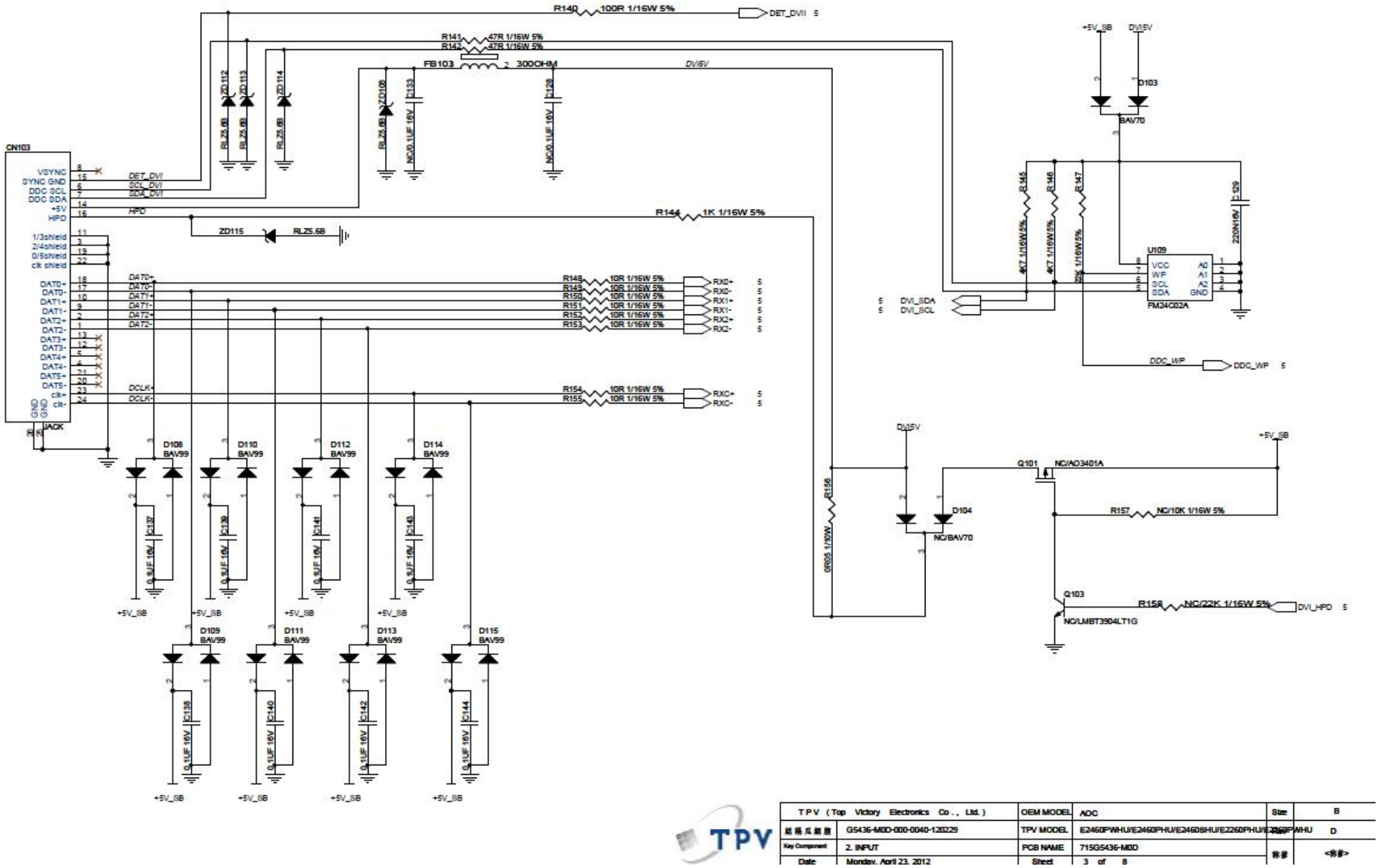

TPV (Top Victory Electronics Co., Ltd.)		OEM MODEL	AOC	Size	B
版號及版次	G5436-M0D-000-0040-120229	TPV MODEL	E2460PWHU/E2460PHU/E2460SHU/E2260PHU/E2260PWHU		D
Key Component	2. INPUT	PCB NAME	715G5436-M0D		
Date	Monday, April 23, 2012	Sheet	3 of 8		

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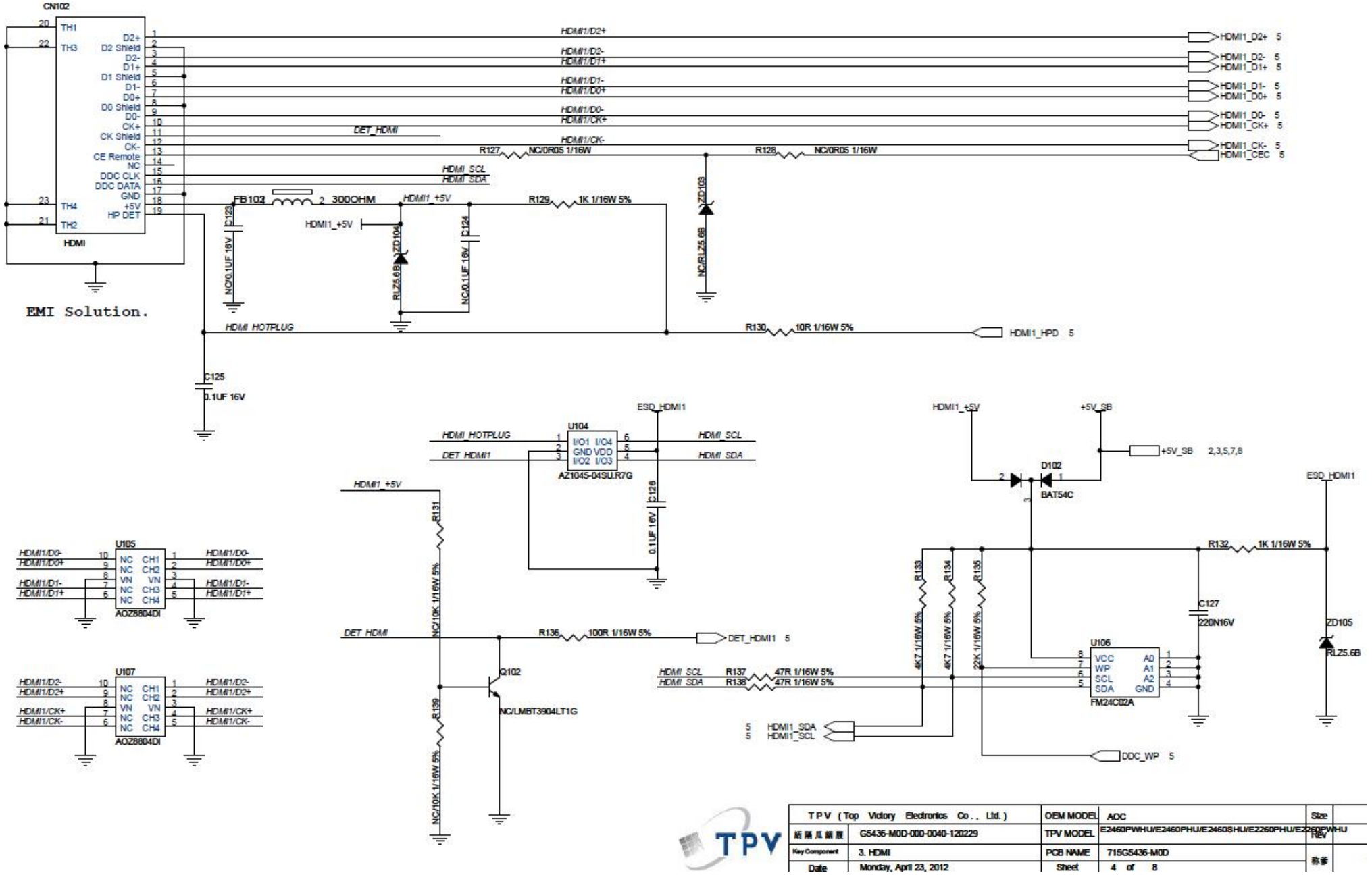

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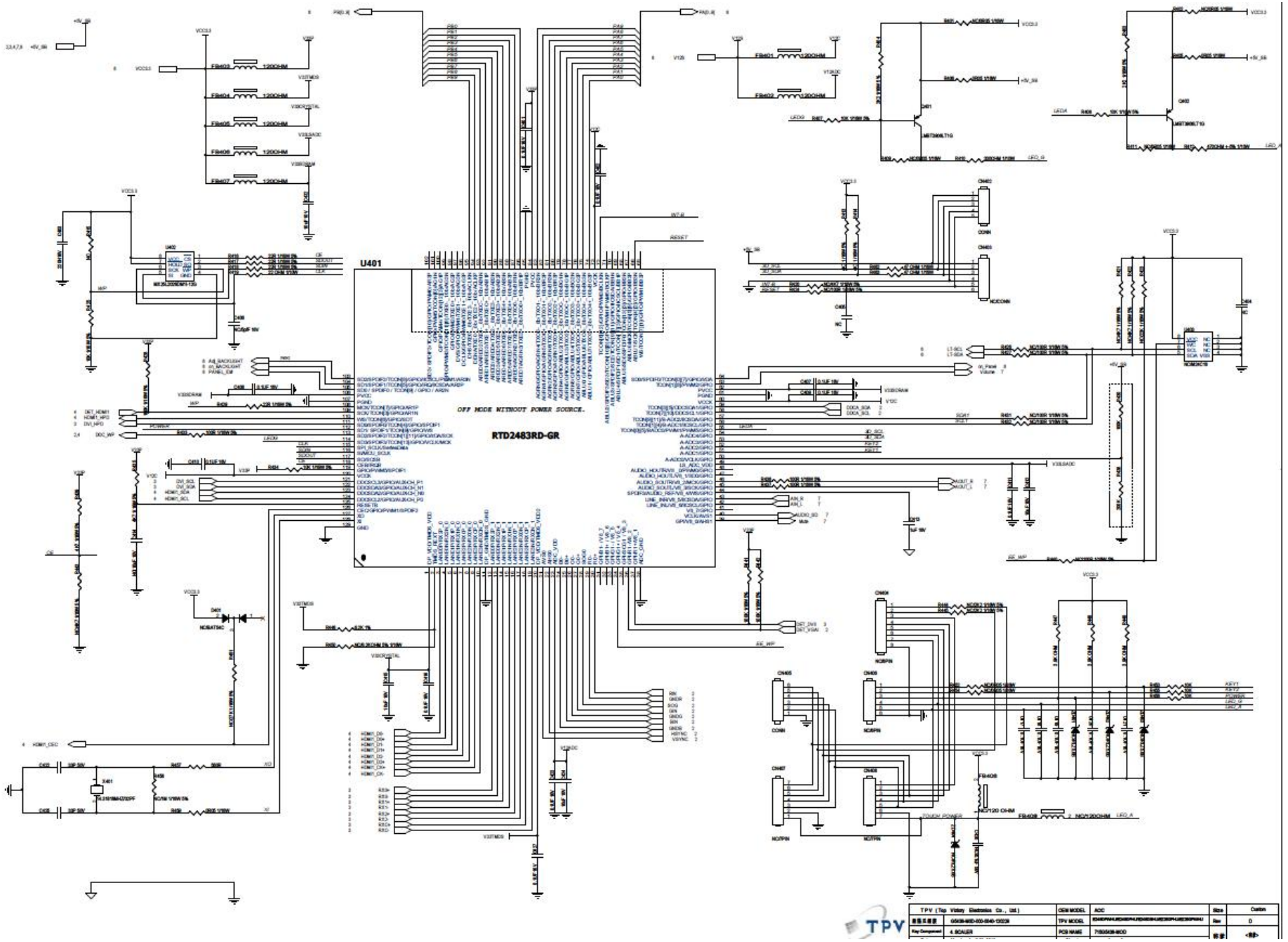

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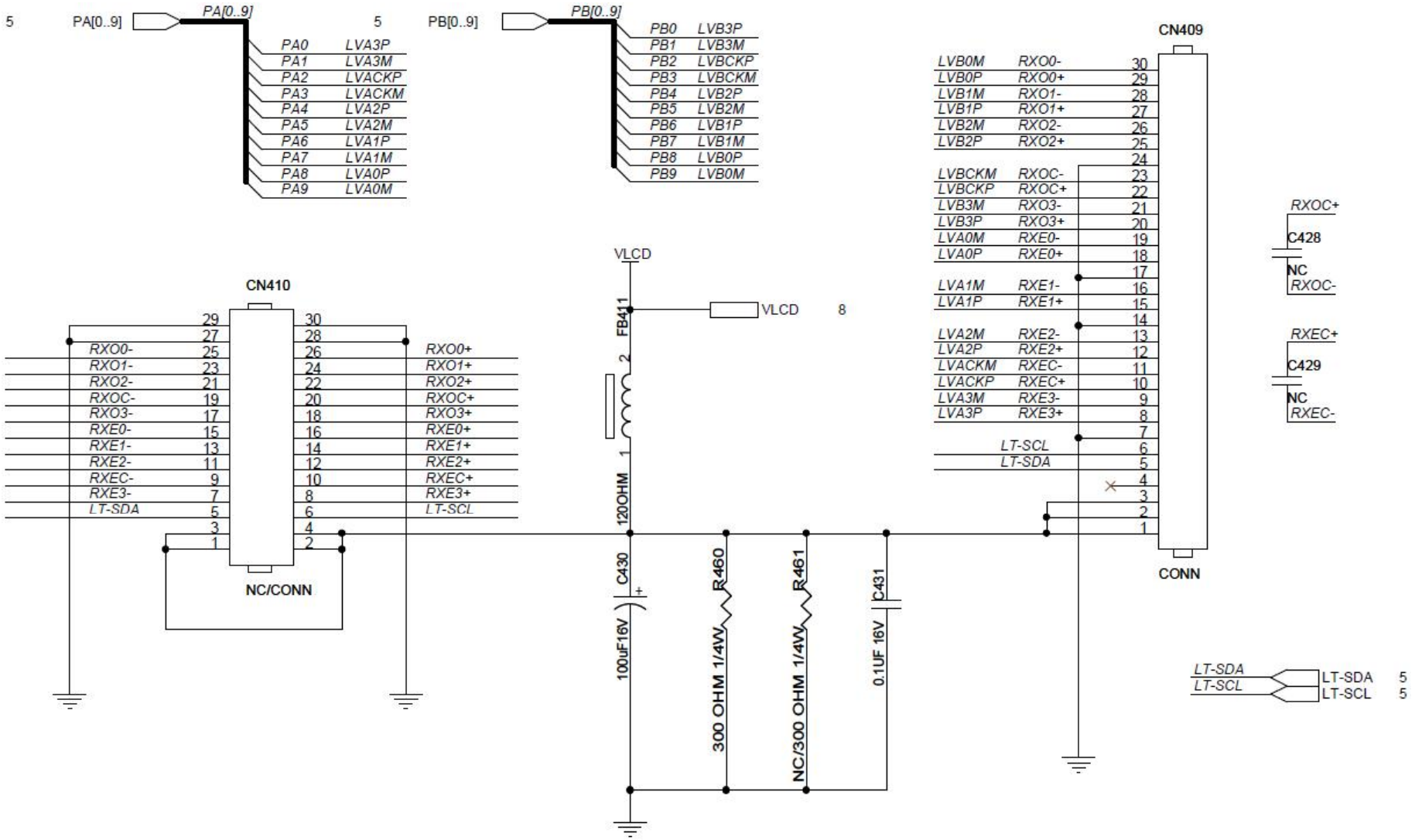

TPV (Top Victory Electronics Co., Ltd.)		OEM MODEL	AOC	Size	A
結構瓜網腹	G5436-M0D-000-0040-120229	TPV MODEL	E2460PWHU/E2460PHU/E2460SHU/E2260PHU/E2260PWHU	Rev	D
Key Component	5. PANEL INTERFACE	PCB NAME	715G5436-M0D		

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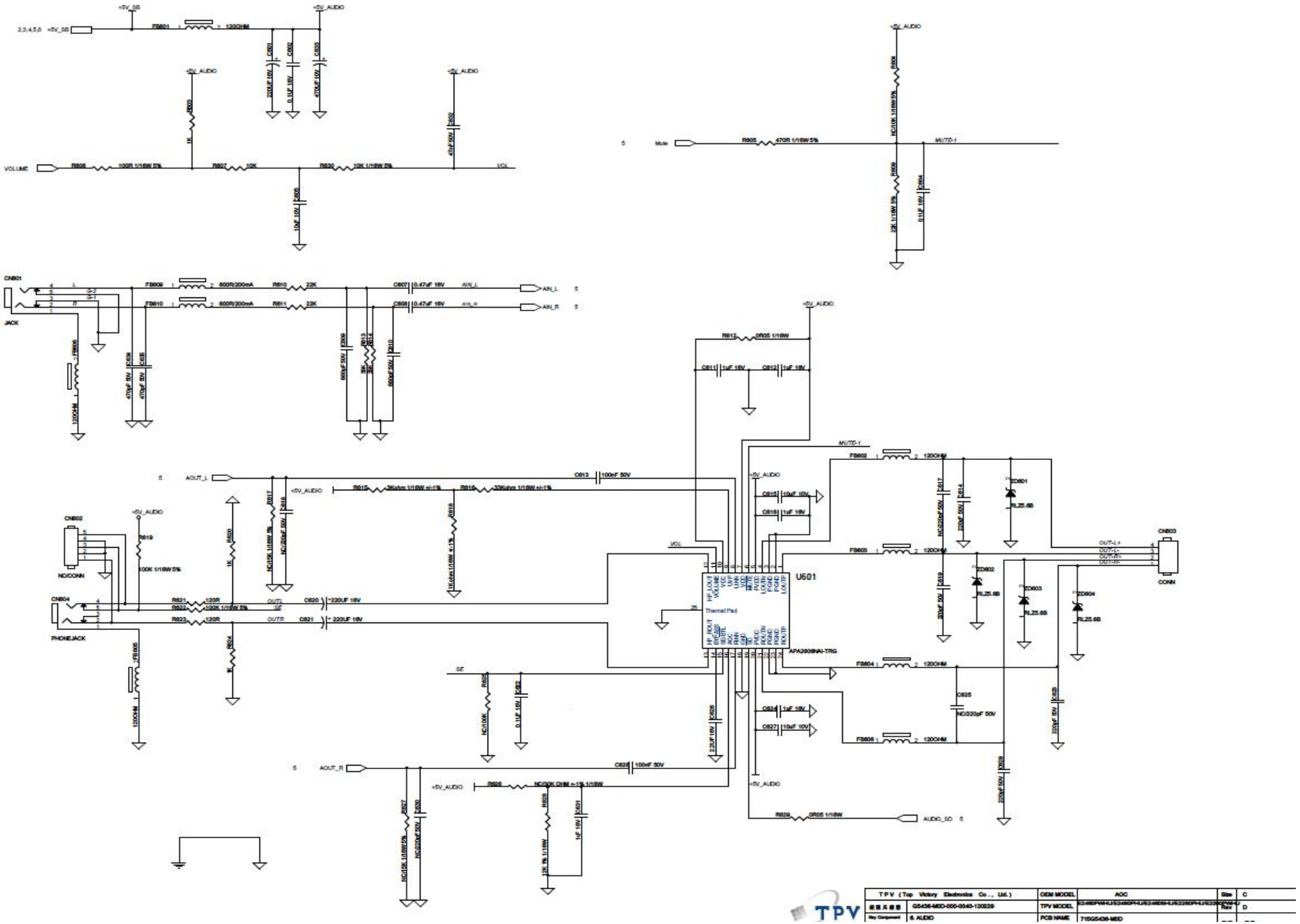

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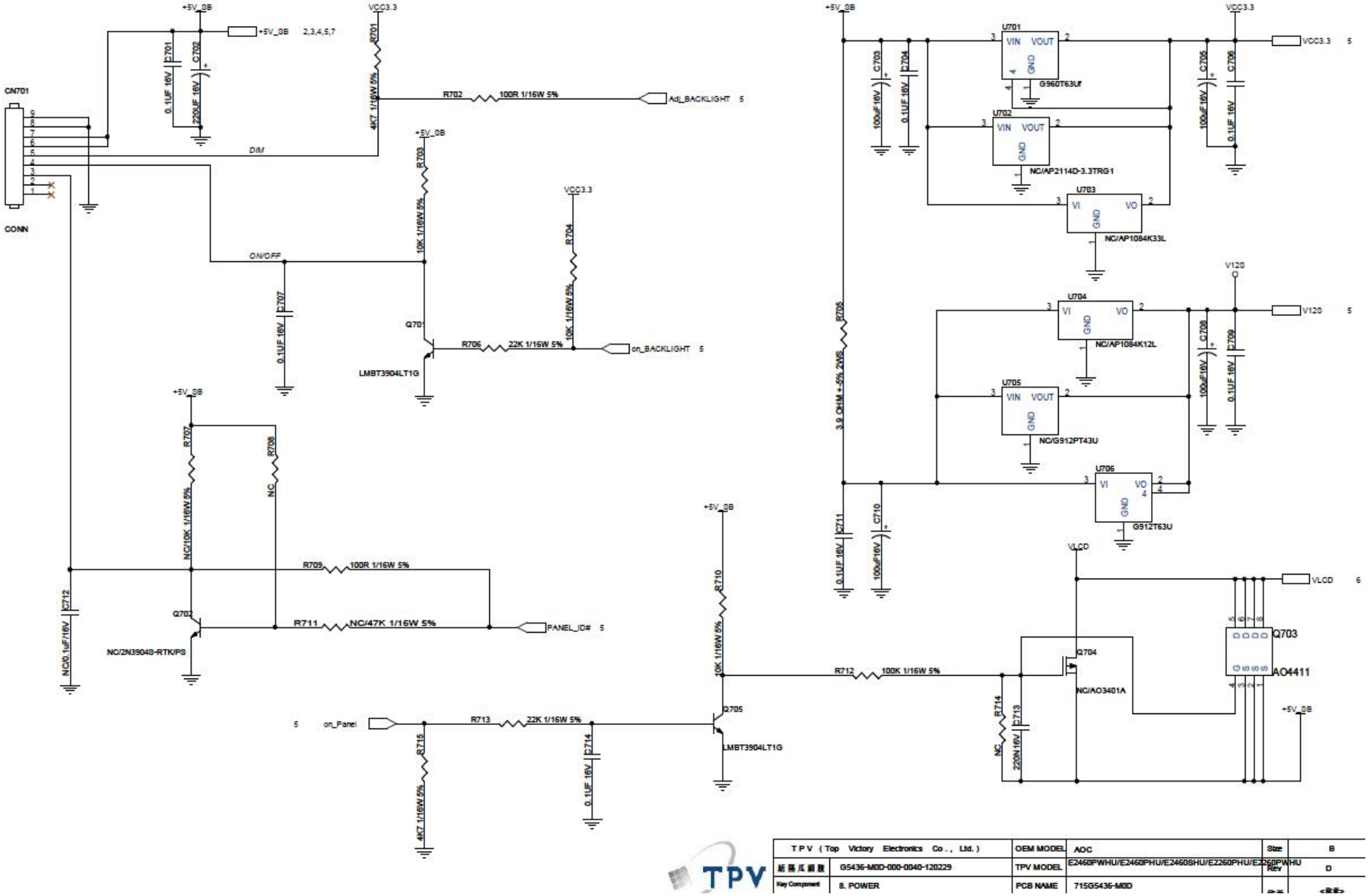

TPV (Top Victory Electronics Co., Ltd.)		OEM MODEL	AOC	Size	B
版號/Version	G5436-M0D-000-0040-120229	TPV MODEL	E2460PWHU/E2460PHU/E2460SHU/E2260PHU/E2260PWHU	Rev	D
Key Component	8. POWER	PCB NAME	715G5436-M0D		

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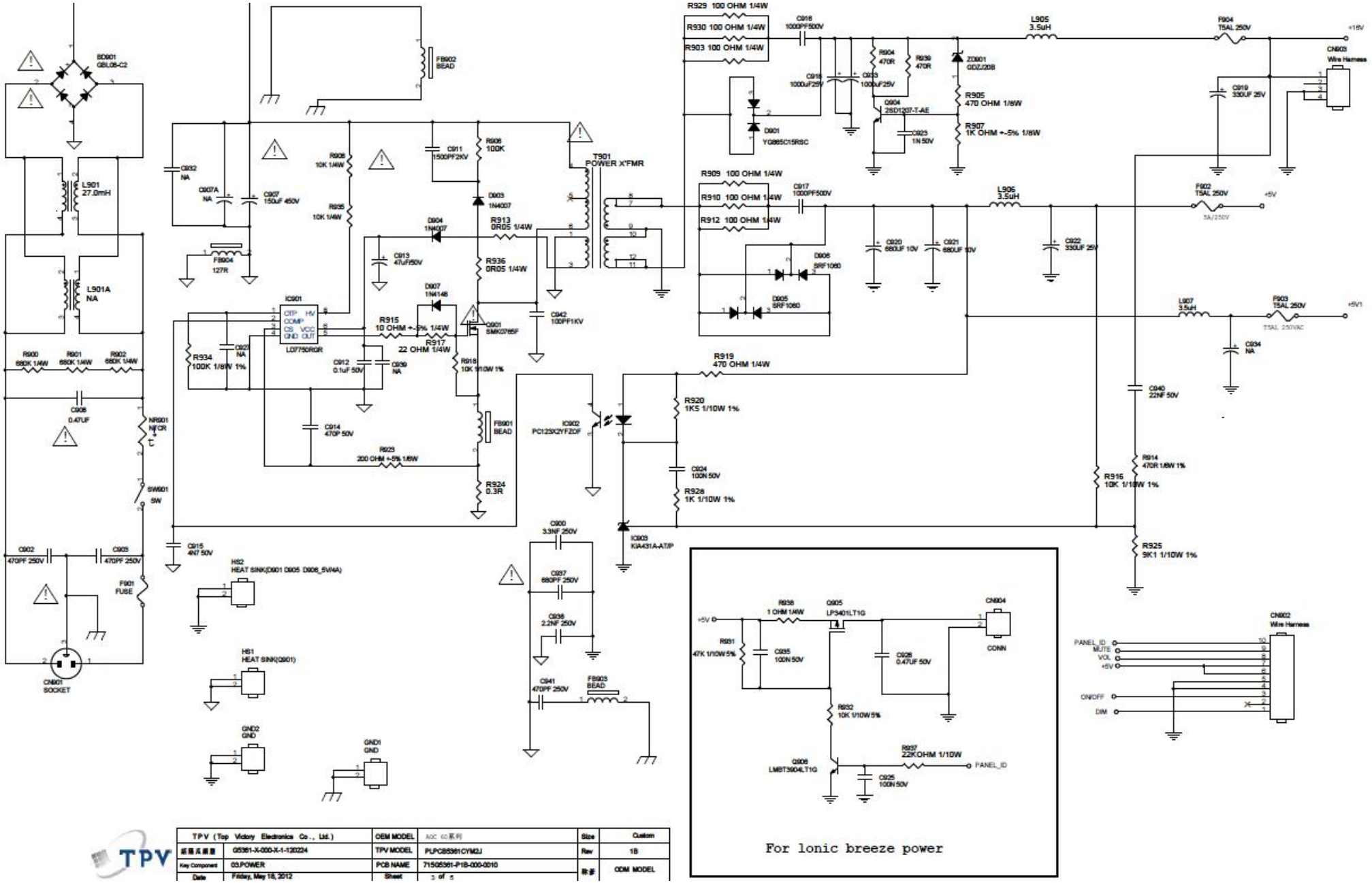
7.2 Power Board 715G5361P1B000001C



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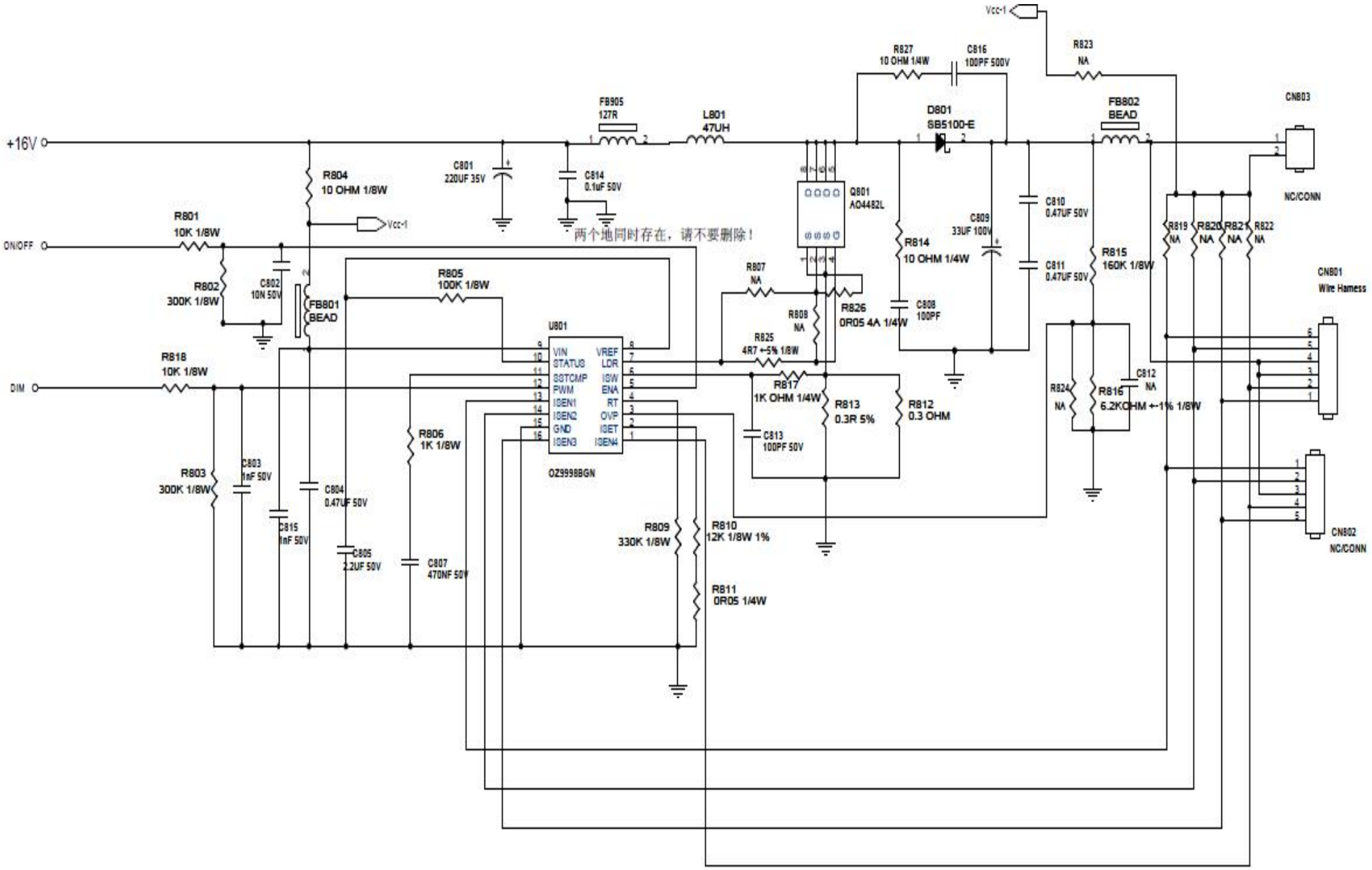

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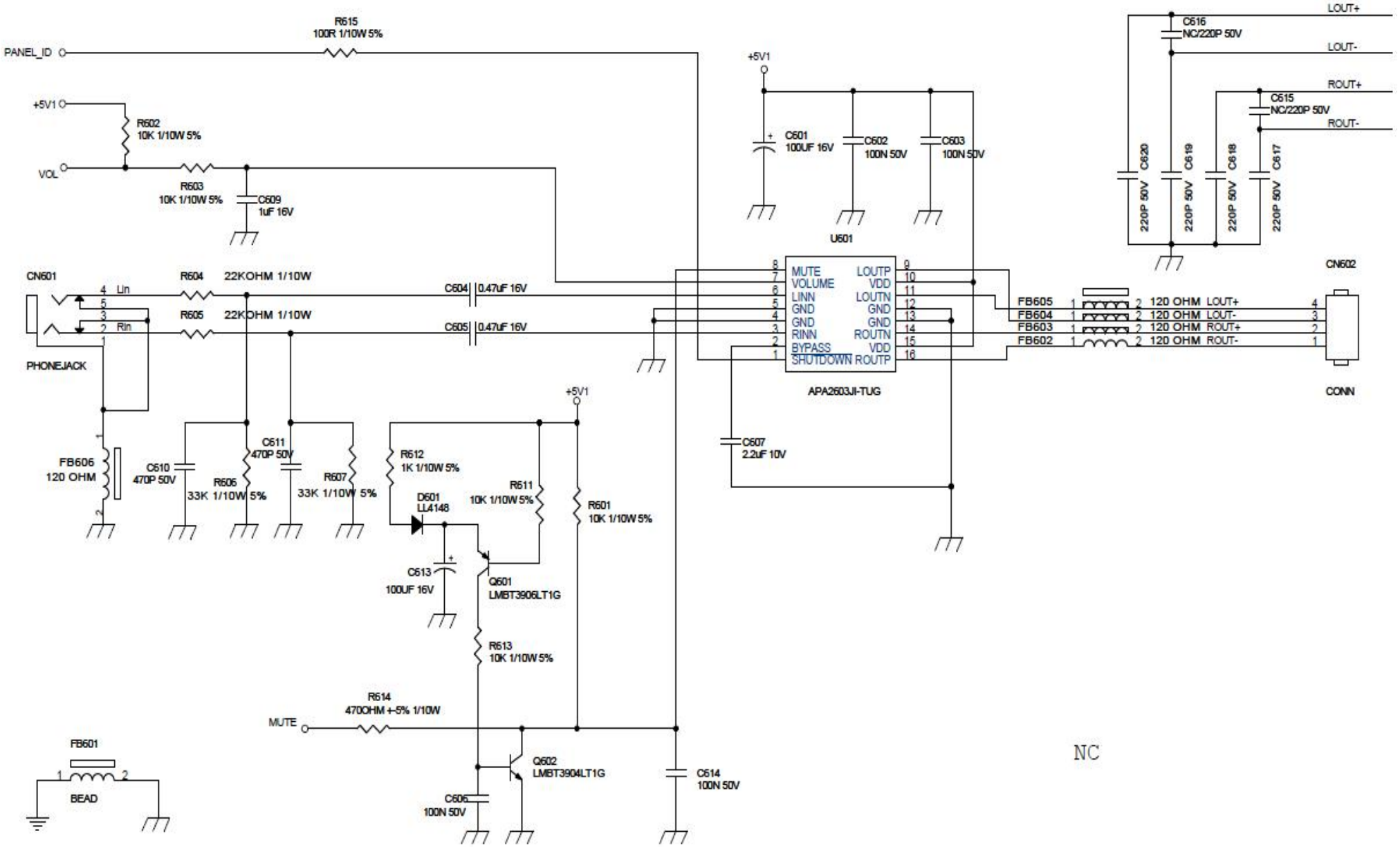

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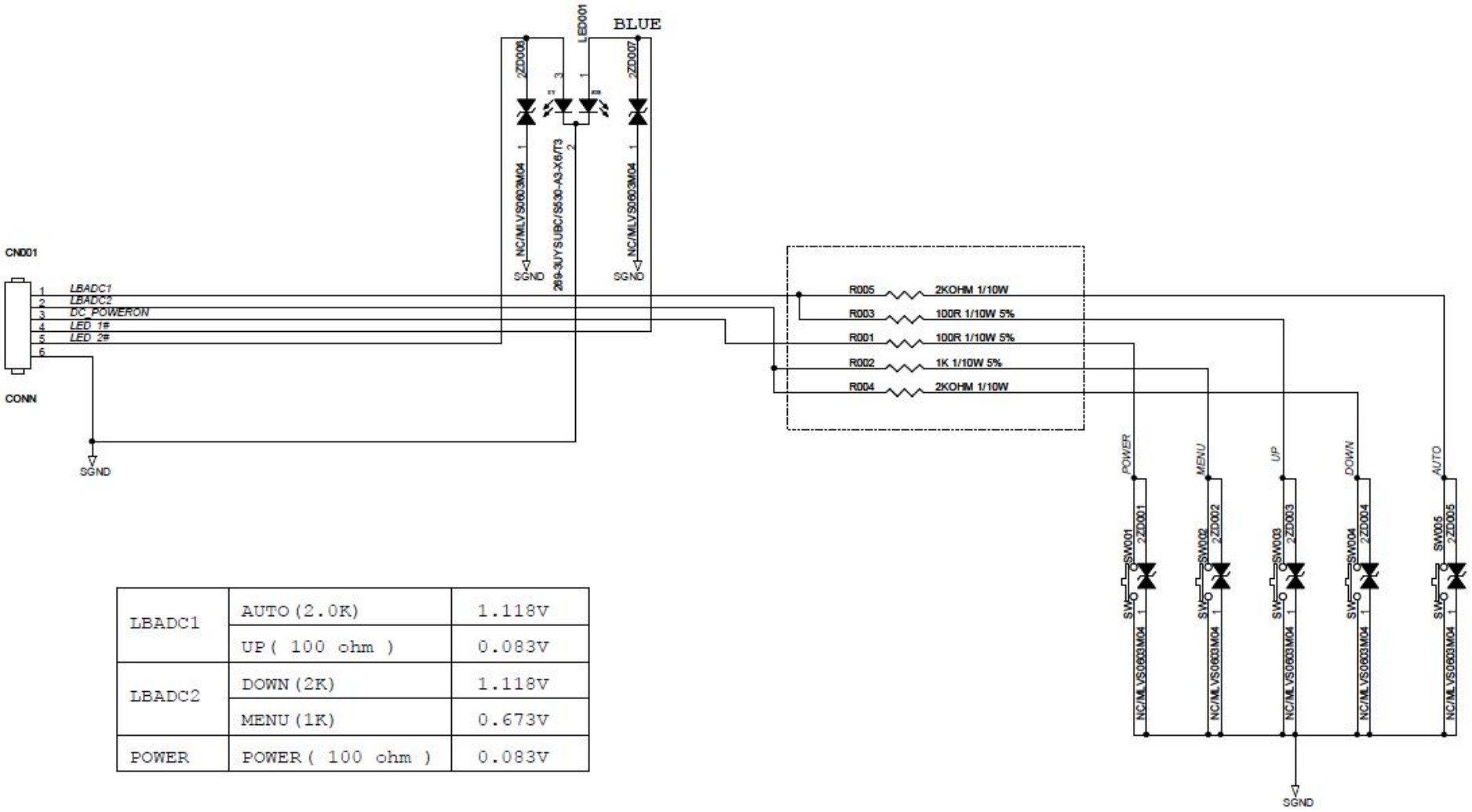
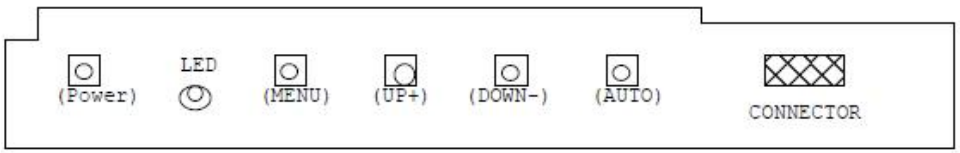
7.3 Key Board 715G5357K01000001C



LBADC1	AUTO (2.0K)	1.118V
	UP (100 ohm)	0.083V
LBADC2	DOWN (2K)	1.118V
	MENU (1K)	0.673V
POWER	POWER (100 ohm)	0.083V



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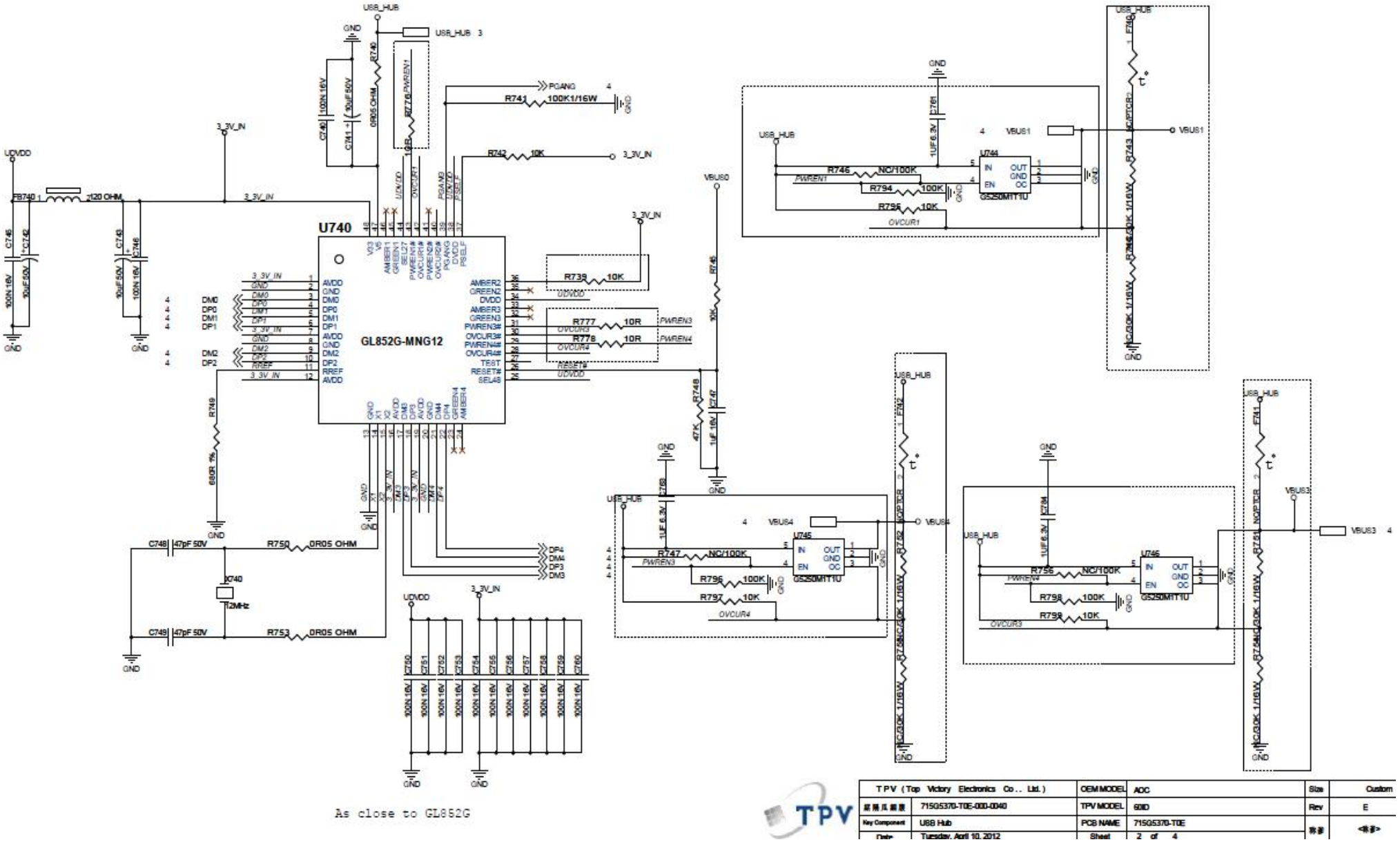
7.4 USB Board 715G5370T0E000004L

USB HUB



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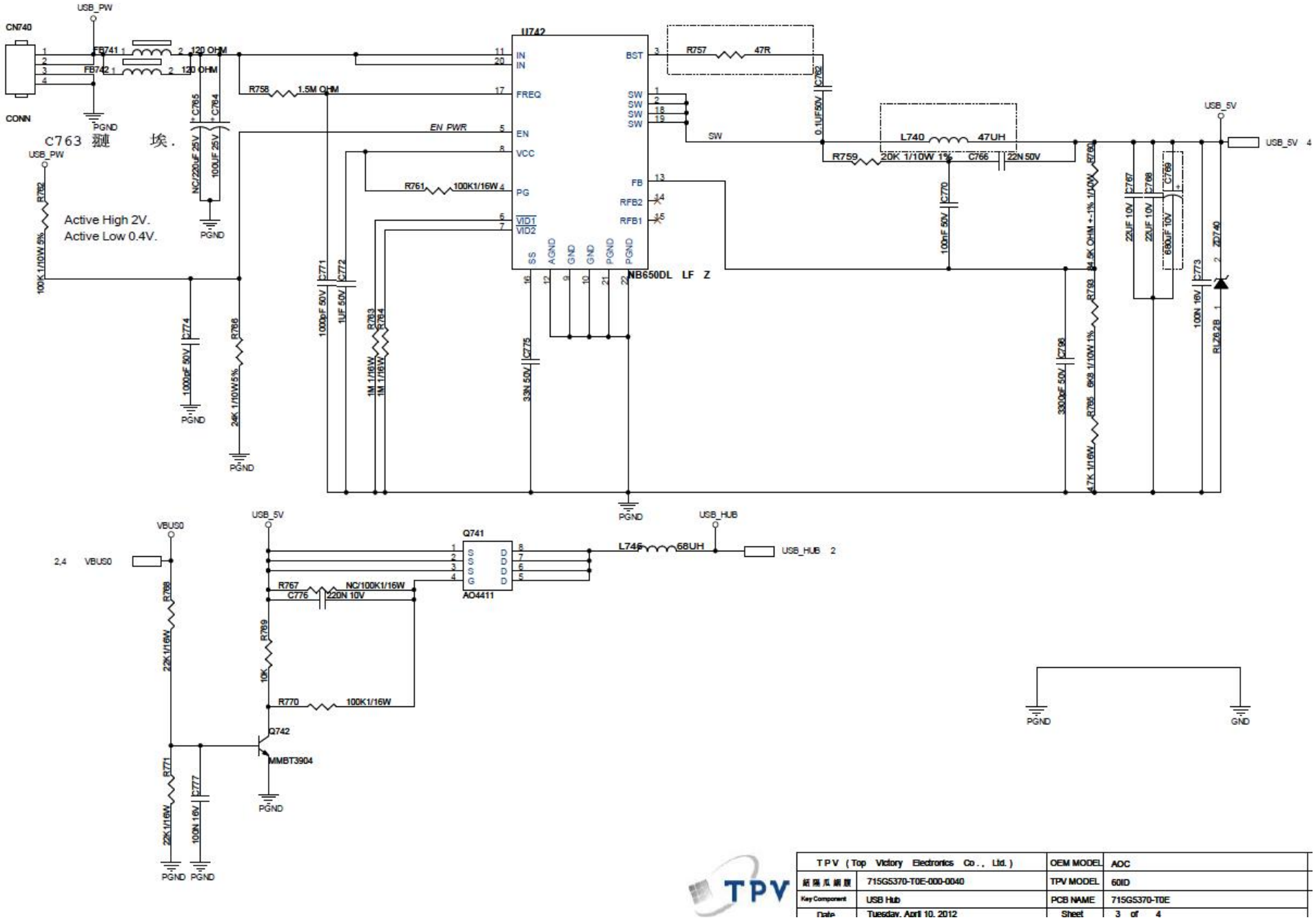

TPV (Top Victory Electronics Co., Ltd.)		OEM MODEL	AOC
威强电 威强电	715G5370-T0E-000-0040	TPV MODEL	60ID
Key Component	USB Hub	PCB NAME	715G5370-T0E
Date	Tuesday, April 10, 2012	Sheet	3 of 4

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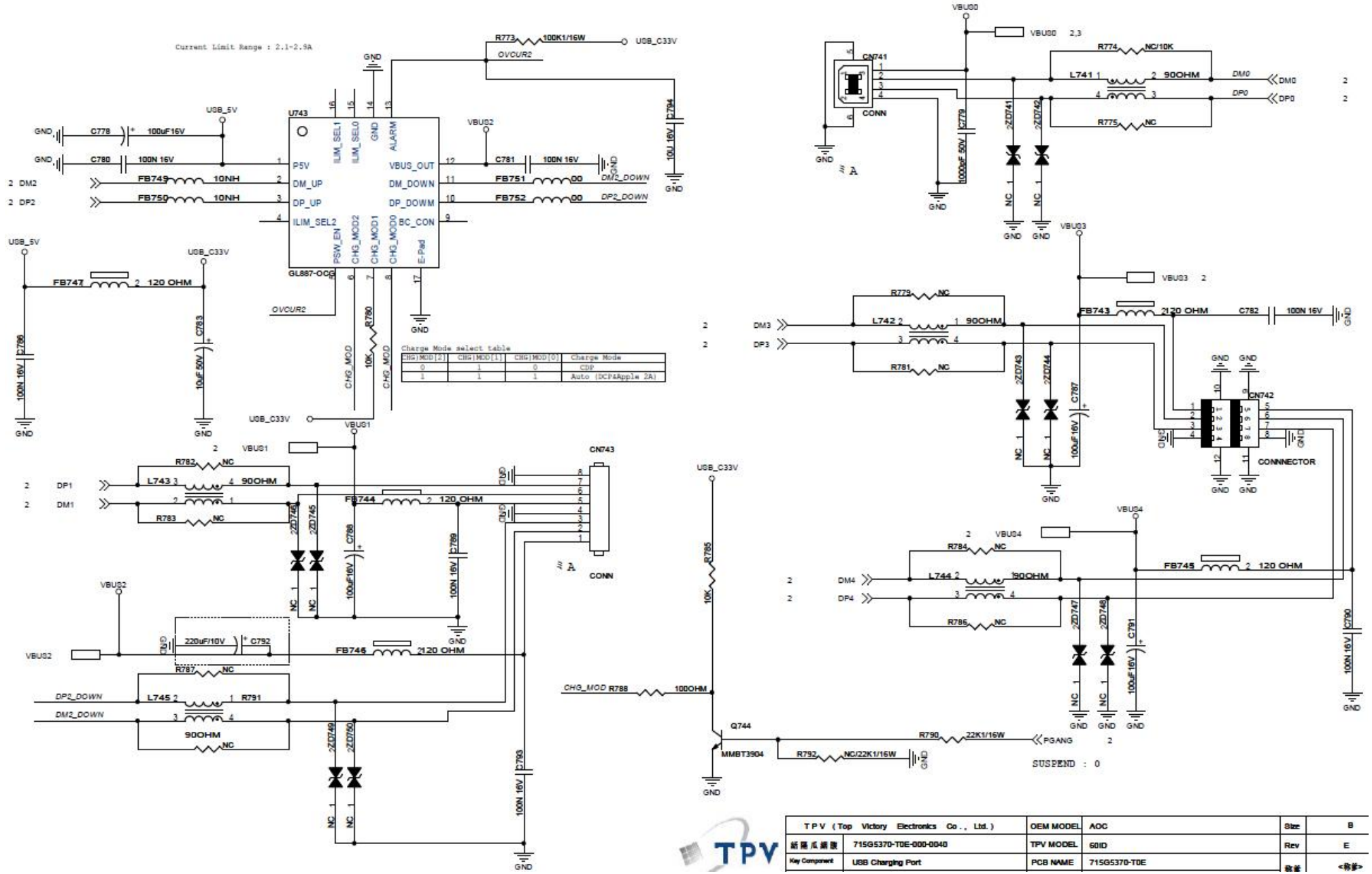
USB Charging Port



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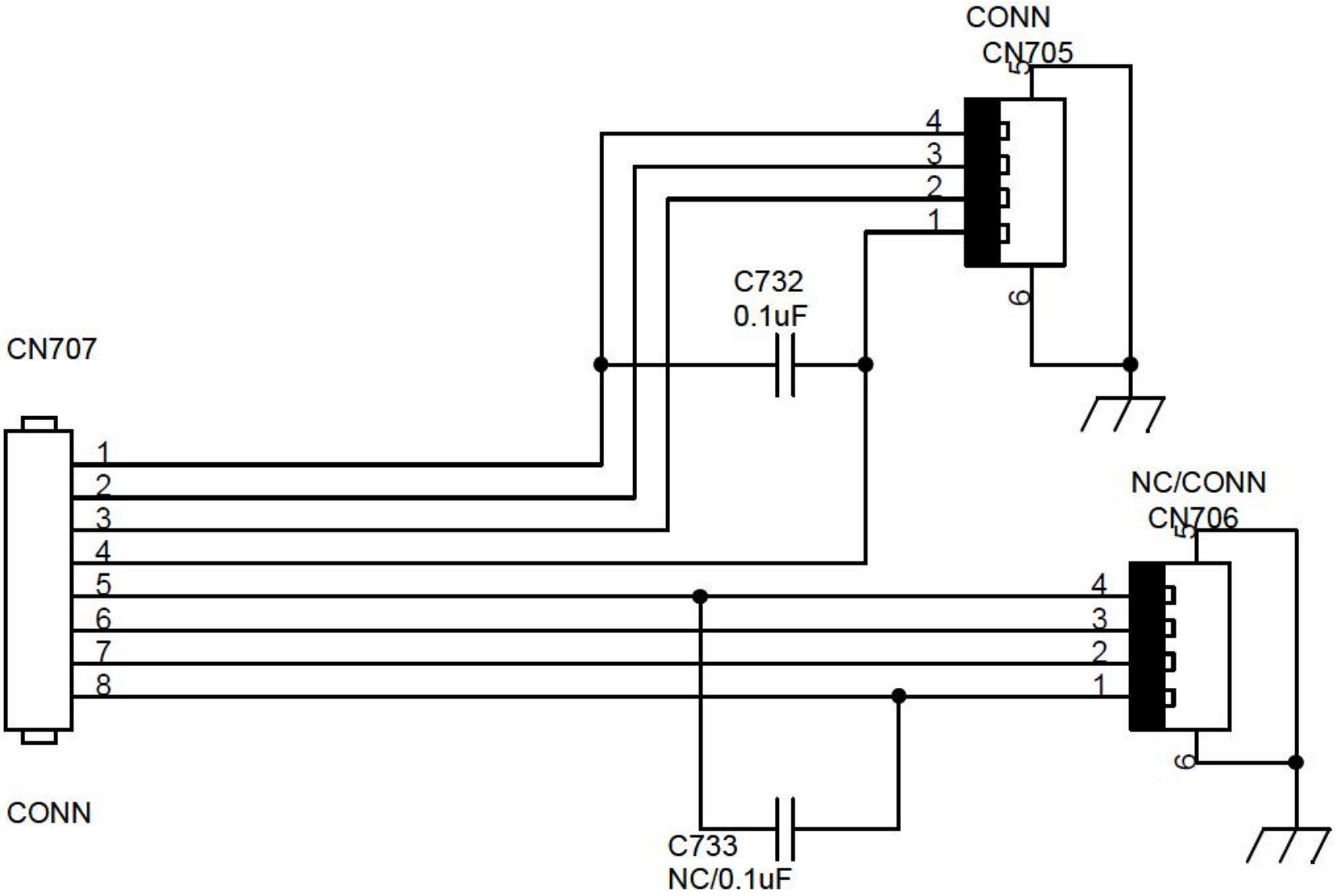
7.5 USB Board--- 715G2727T01001001C



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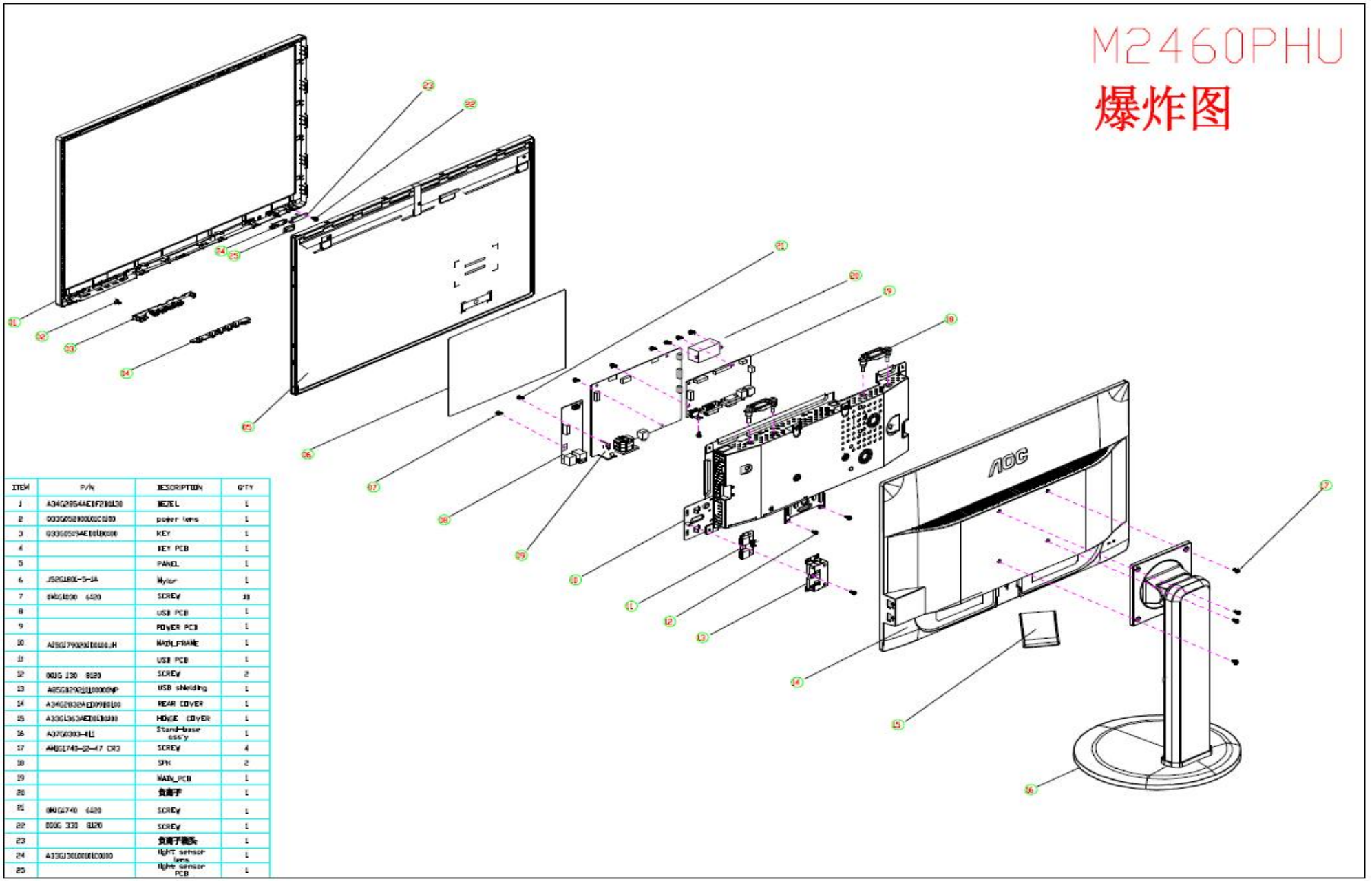
8. Monitor Exploded View



ITEM	P/N	DESCRIPTION	QTY
1	A34G2854AE0F2B0100	BEZEL	1
2	0336052000000C0100	power lens	1
3	03360594AE00B0000	KEY	1
4		KEY PCB	1
5		PANEL	1
6	J52G180C-5-1A	Mylar	1
7	0N0G1030 6020	SCREW	10
8		USB PCB	1
9		POWER PCB	1
10	A15G17900X0D0000_H	MAIN_FRAME	1
11		USB PCB	1
12	0030 130 0020	SCREW	2
13	A05G0270210000GNP	USB shielding	1
14	A34G2B2BAE0Y000100	REAR COVER	1
15	A30G1363AE0D0B0000	HINGE COVER	1
16	A37G0000-4L1	Stand-base assy	1
17	AM0G1740-02-47 CR3	SCREW	4
18		SPK	2
19		MAIN_PCB	1
20		负离子	1
21	0M0G2740 6020	SCREW	1
22	0030 330 0120	SCREW	1
23		负离子膜头	1
24	A33G1300000L00000	light sensor lens	1
25		light sensor PCB	1

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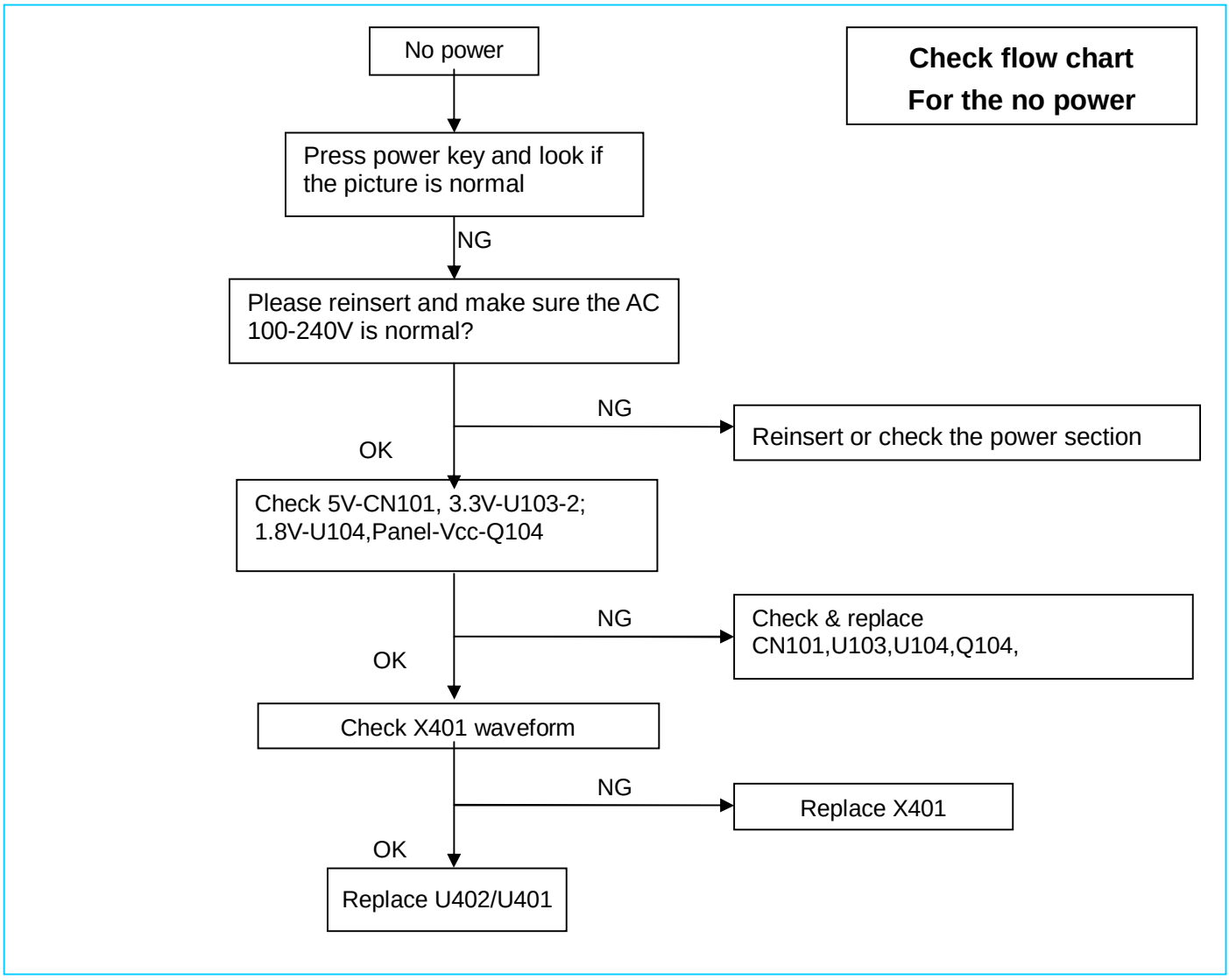
9. Maintainability

9.1 Trouble Shooting

Main Board---No Power



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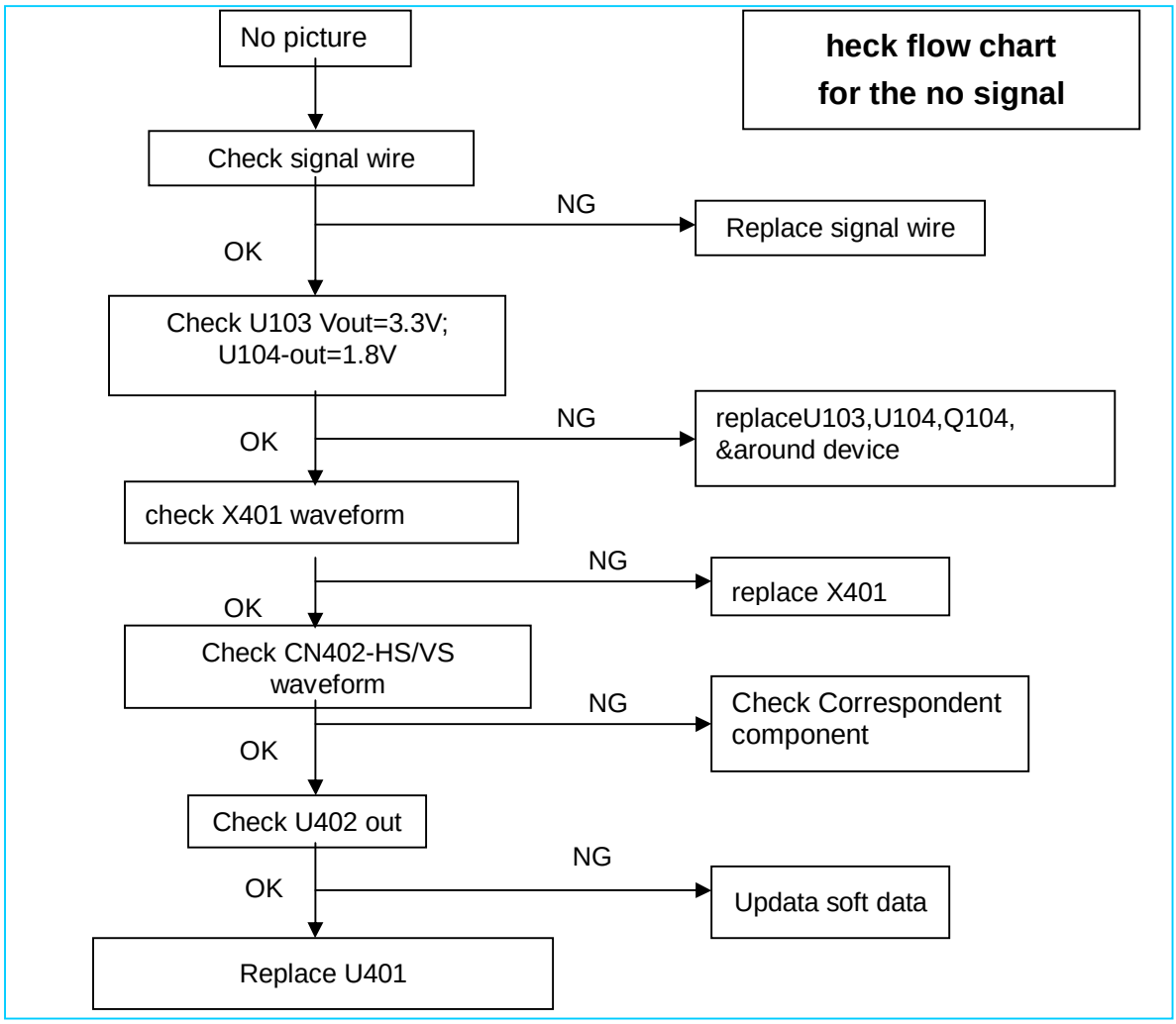
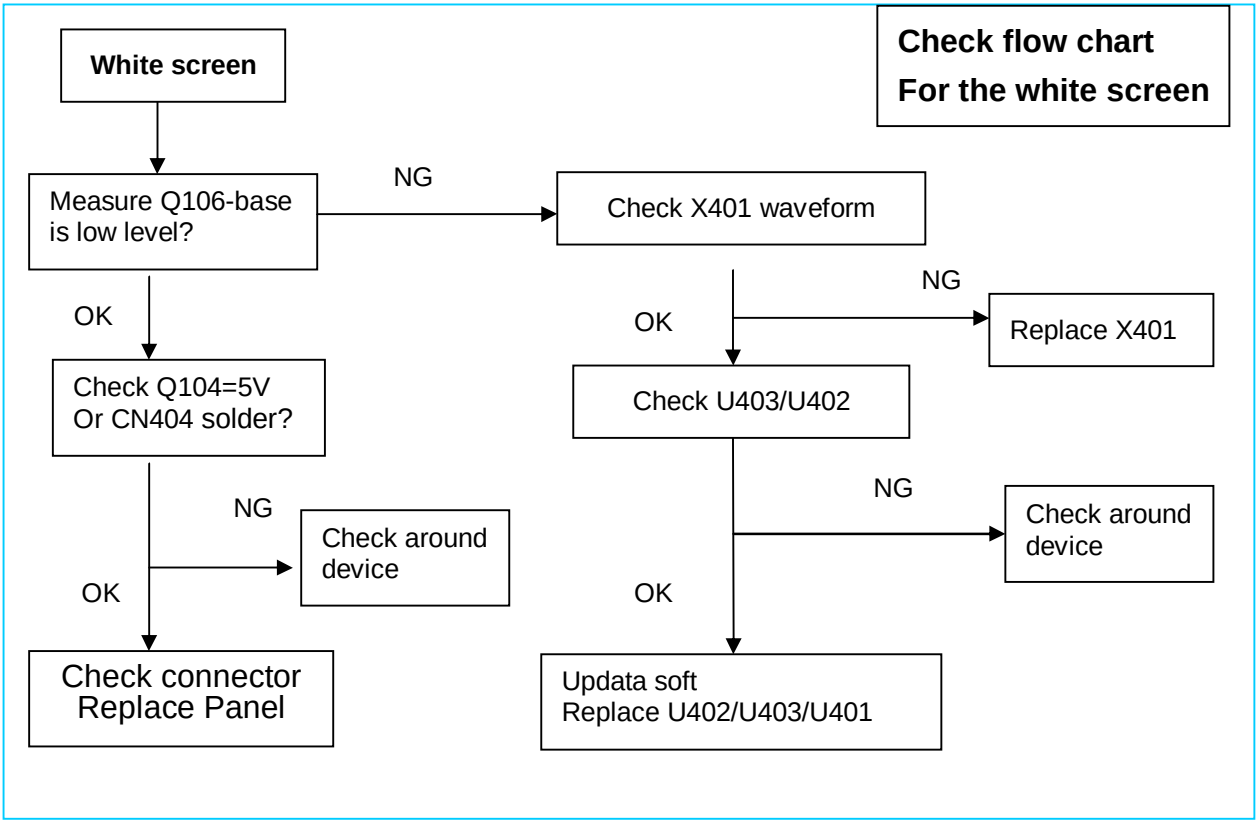
No picture (LED orange)



White screen



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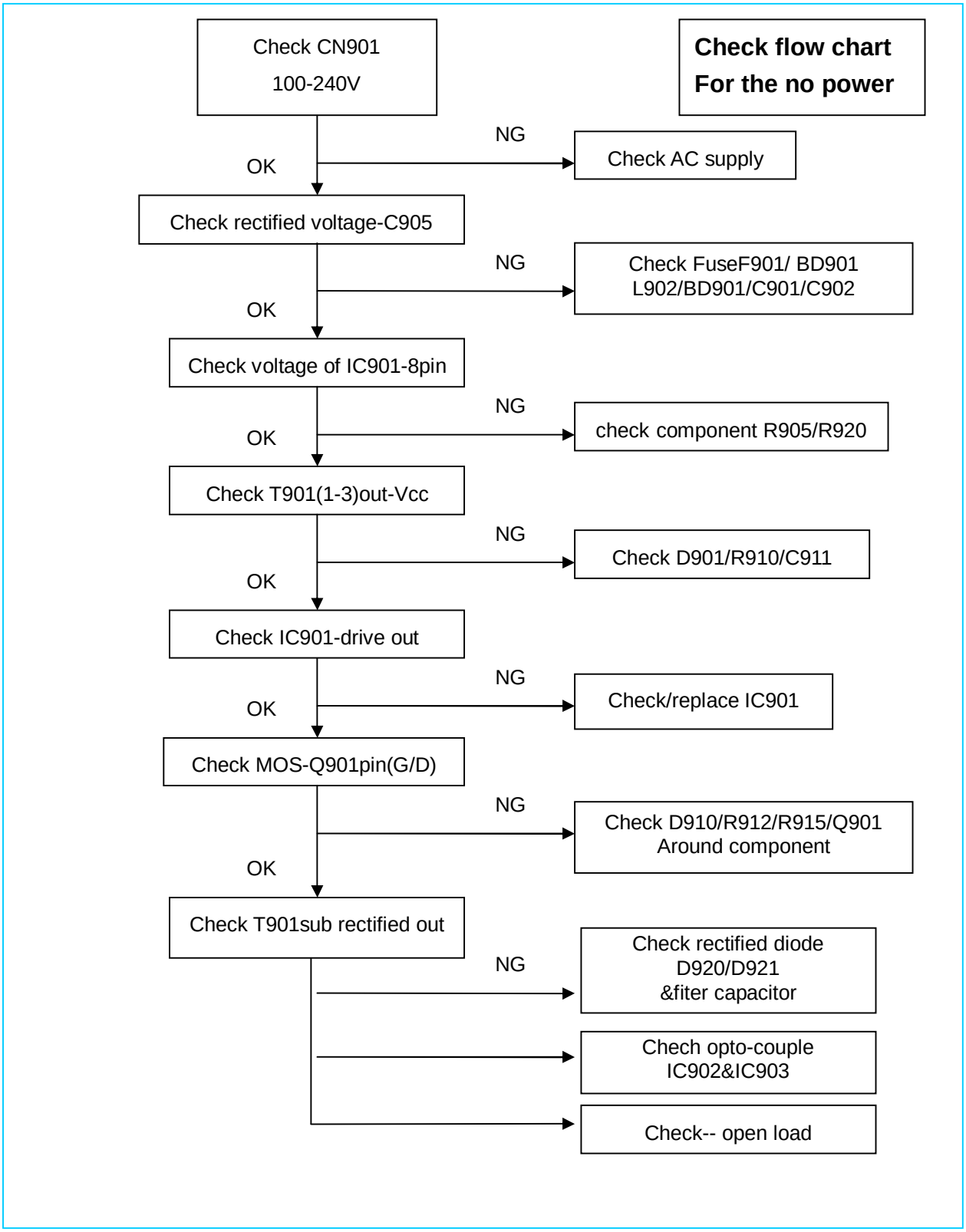
Power Board---

No Power 5V/12V



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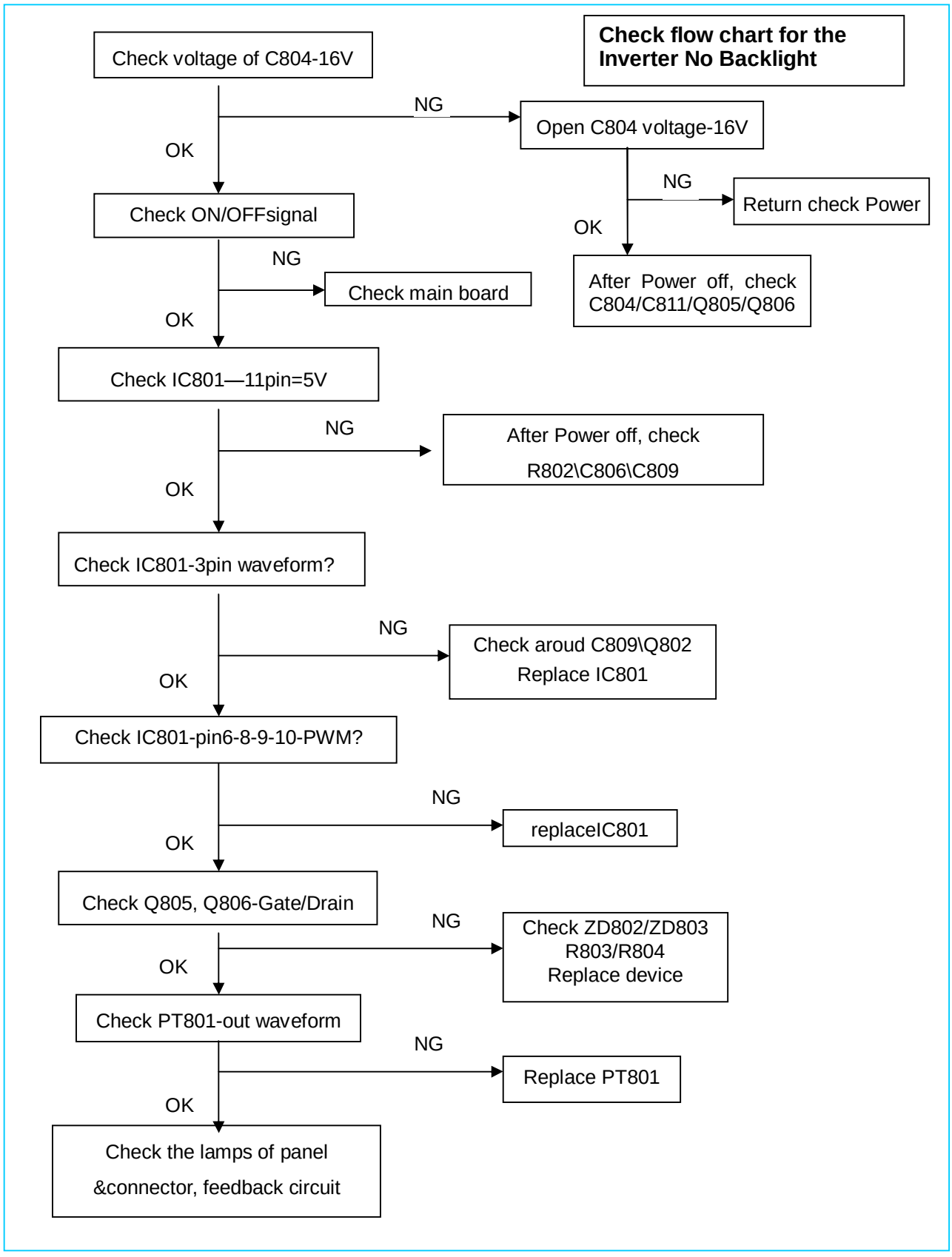
No Backlight of panel



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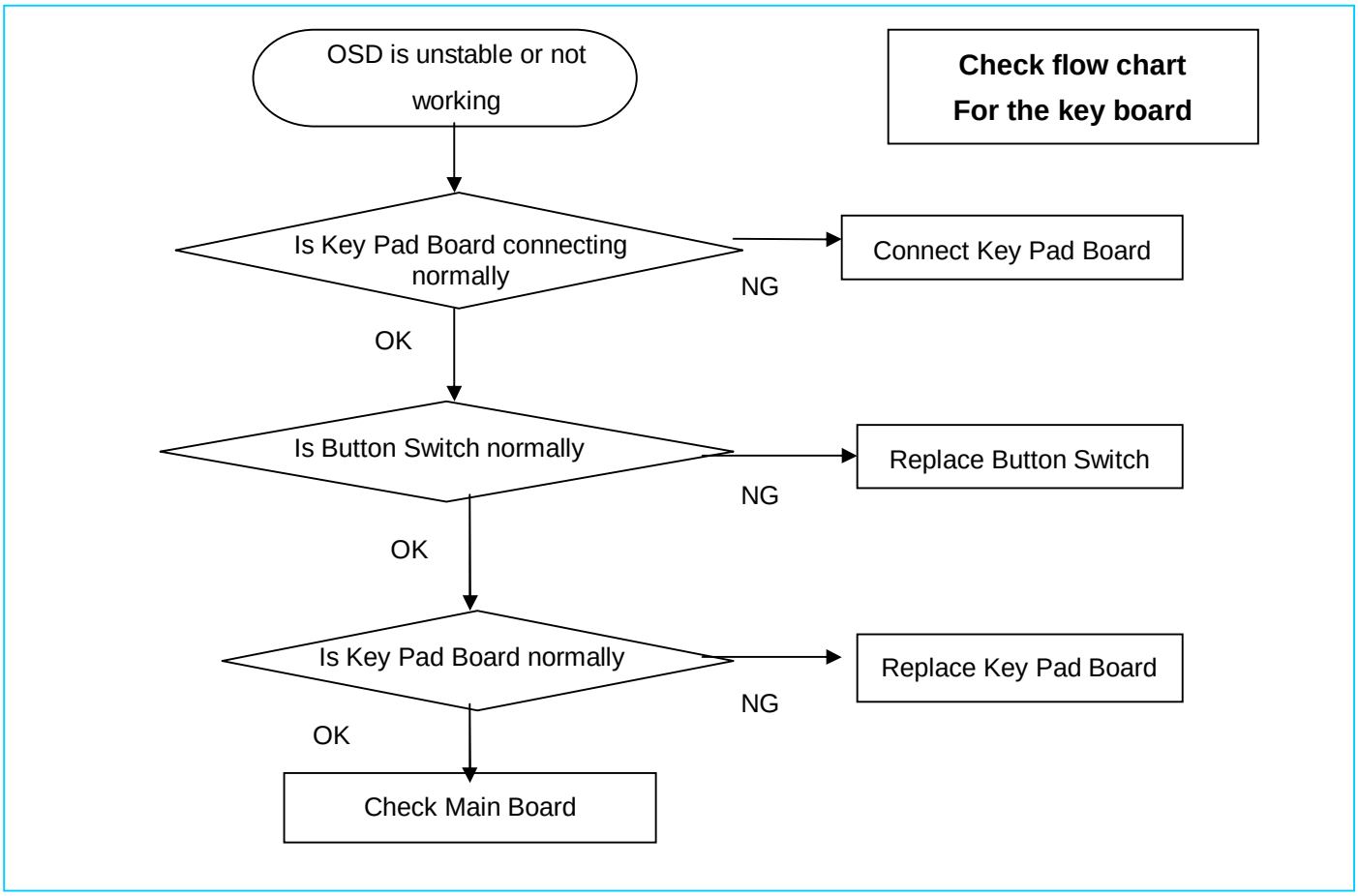
Key Board---

OSD no working



9.2 Equipments and Tools Requirement

1. Multi-meter.
2. Oscilloscope.
3. Pattern Generator.
4. DDC Tool with and Compatible Computer.
5. Alignment Tool.
6. LCD Color Analyzer.
7. Service Manual.
8. User Manual.

If the monitor fails to operate correctly, please follow the steps below for a possible solution.

1. Perform the adjustments described in OPERATION THE MONITOR, depending on the problem you have .If the monitor dose not get a picture ,skip to 2.
2. Consult the following items if you cannot find an appropriate adjustment item in OPERATING THE MONITOR or if the problem persists.
3. If you are experiencing a problem which is not described below or you cannot correct the problem, discontinue using the monitor and contact your dealer or service center for further assistance.

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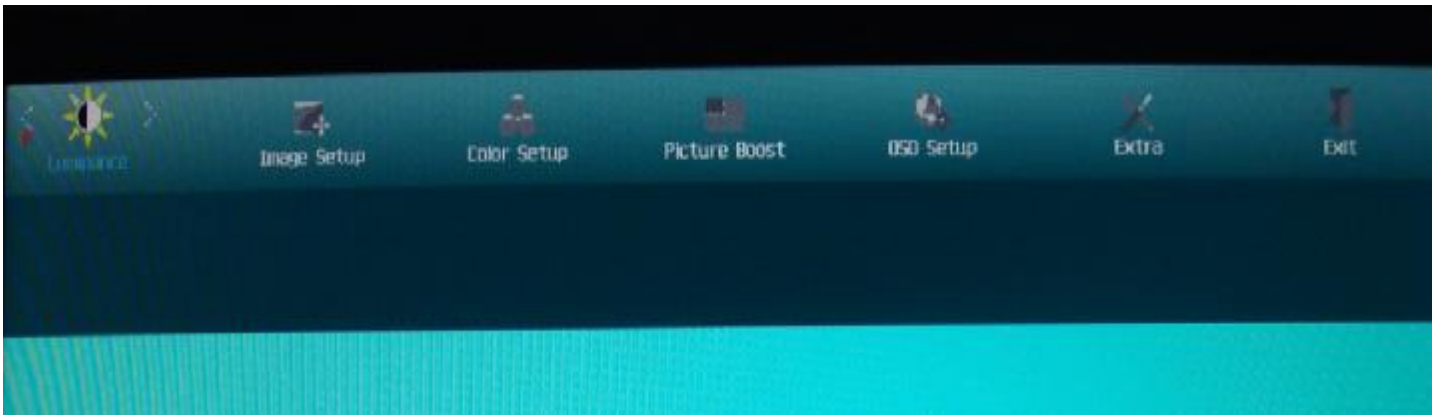
9.3 Factory mode adjustment

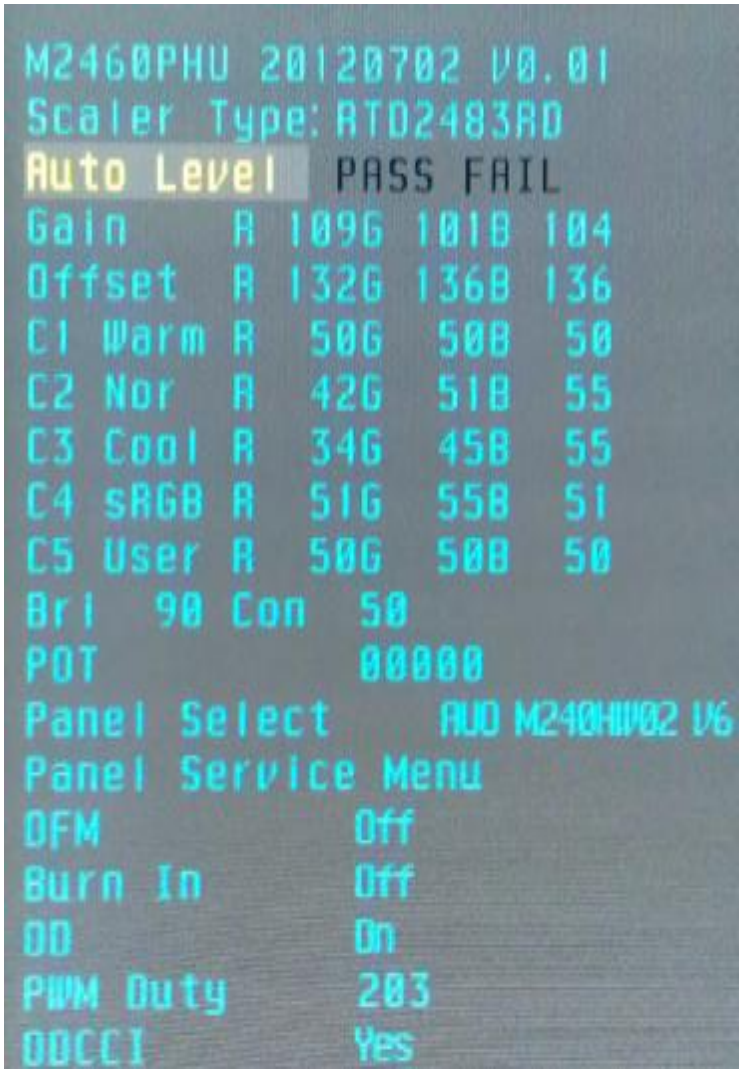
After replacing the Main board and the Panel, Check if white-balance is within the specs, then re-writing DDC is necessary.

Check for enter the Factory mode：

Press ▶ button and hold, reinsert the Power cord, then, press MENU, the monitor will may enter Factory OSD Menu. Then Press↵ . Factory OSD Menu will appear in the screen.



By select this “F” button to enter Factory OSD Menu.


M2460PHU 20120702 V0.01
Scaler Type: RTD2483RD
Auto Level PASS FAIL
Gain R 109G 101B 104
Offset R 132G 136B 136
C1 Warm R 50G 50B 50
C2 Nor R 42G 51B 55
C3 Cool R 34G 45B 55
C4 sRGB R 51G 55B 51
C5 User R 50G 50B 50
Bri 90 Con 50
POT 00000
Panel Select AUO M240HW02 V6
Panel Service Menu
OFM Off
Burn In Off
OD On
PWM Duty 203
DDCCI Yes

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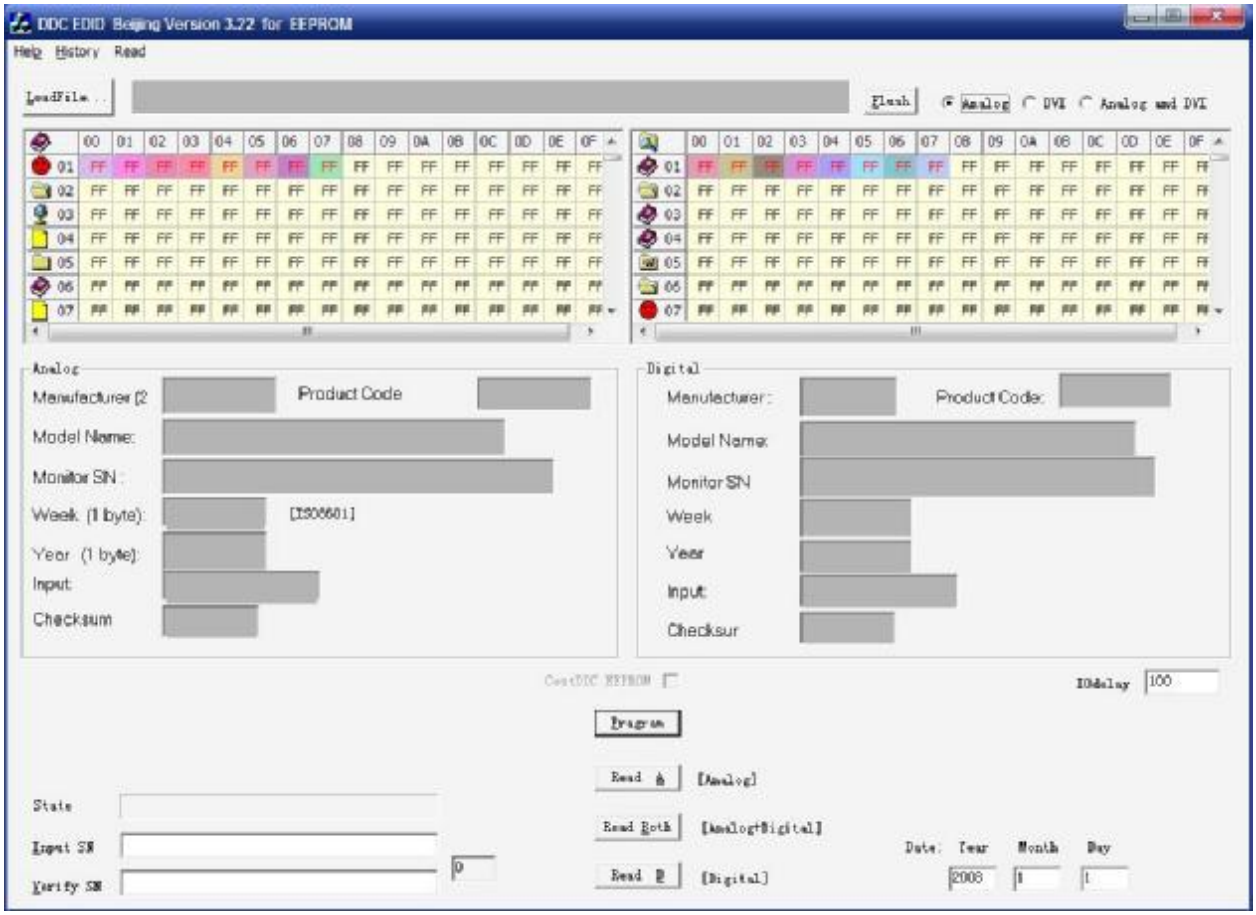
9.4 Writing DDC program step

1. Prepared the PC with Windows XP system, DDC recording device (12V)
2. Connect the DDC recording device and the PC through PC parallel port
3. setup“Port95nt” driver program to PC ,
4. select relevant program and run it, below figure will appear
5, Press “LoadFile”, select EDID -model of product, and select input port;
6. key in SN, and other informatiom, key-press “Pragram” button;

for figure below:



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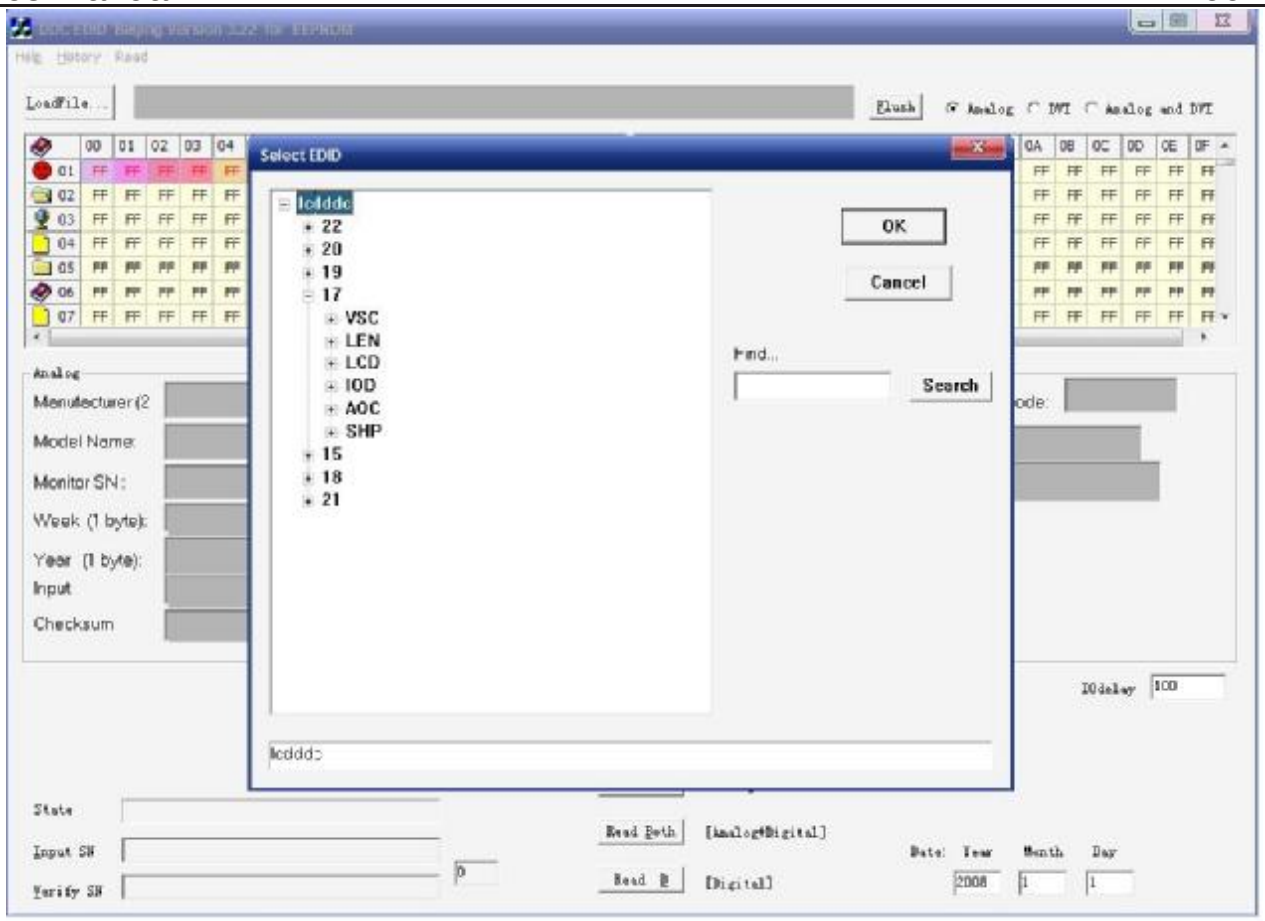

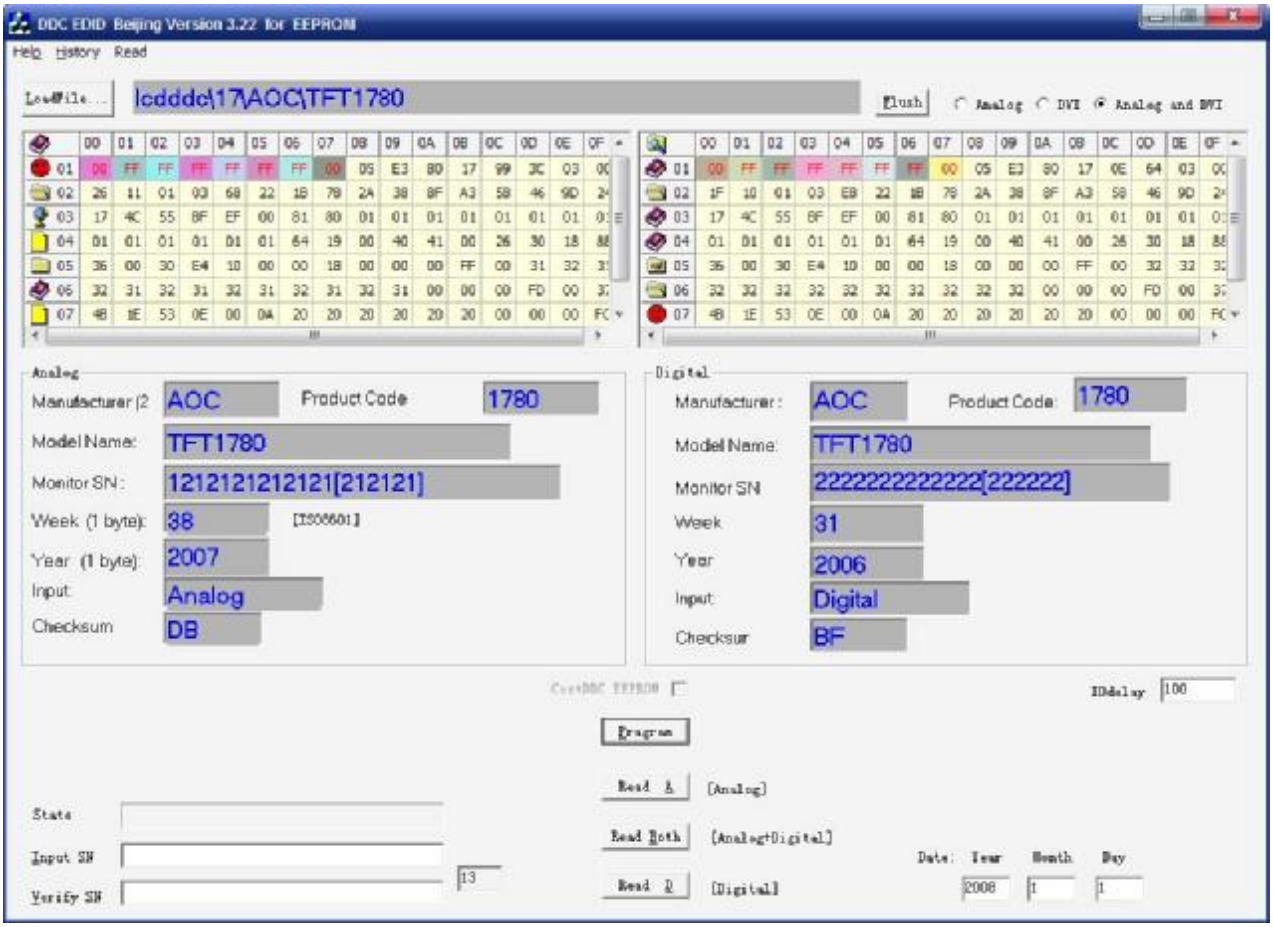

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10. BOM List

Note: The parts information listed below are for reference only, and are subject to change without notice. Please go to http://cs.tpv.com.cn/hello1.asp for the latest information.

10.1 HKCAT76BBVA2DNJ BOM

Location	Part No	Description	Remark
	040G 581 26704	LABEL	0
	040G 581689 4A	BARCODE LABEL FOR 1	2
	052G 1207 A	铝箔胶带	1
	052G 1209 A	Tasma aluminiowa	1
	052G 1211 B	Conductive Tape 85mm *40mm *0.09mm (单导)	4
	052G 1216 A	铝箔胶带	1
	070GHDCP500HDC	HDCP CODE	2
E08904	089G 17356C554	AUDIO CABLE 1800MM	0
E08904	089G 17356G554	AUDIO CABLE 1800MM	1
E08905	089G 175 8 G	FQE41177F USB CABLE 1800mm A+B	0
E08905	089G 175 8 H	USB CABLE A+B 1.8M	1
E08902	089G 728GAA DB	D-SUB CABLE 1800mm	0
E08902	089G 728HAA DB	D-SUB CABLE 1800mm	1
E08903	089G1748CAA AC	DVI CABLE 1800	0
E08903	089G1748HAA AC	DVI CABLE 1800MM	1
E08901	089G404A18N HL	AC POWER CORD 1800 for Europe	1
E08901	089G404A18N JR	AC POWER CORD 1800MM	0
	0M1G1030 6120	SCREW 3x6	10
	0M1G1740 6120	SCREW	1
	0Q1G 130 8120	SCREW 3x8	2
	0Q1G 330 8120	SCREW	1
SP01	378G0025518YAB	SPEAKER 4 OHM 2.5W 40X20 50mm NO	2
ECN604	379GLI19004SU0	Anion Generator F5BS-GJ1	1
ECN409	395G179J30NB02	FFC CABLE 30pin 250mm 1.0MM	1
ECNSP01	395G801404D632	HARNESS 4P(2008)-2P+2P 280+200	0
ECNSP01	395G801404X632	HARNESS 4P(2008)-2P(C2003)+2P(C2003) 280	1
ECN402	395G801405DM06	HARNESS 5P(2008)-4P(A1253) 160mm	1
ECN707	395G801408DM05	HARNESS 8P-8P 100mm	1
E750	750GBU240H2613N000	LCD M240HW02 V600 XM AUO	1
E750	750GBU240H2623N000	LCD M240HW02 V60A XM AUO	0
	756GJCCB0AA0210000	MCU ASSY	0
U402	056G2233501	FLASH MX25L2026DM1I-12G 2Mb SOP-8	0
SMTCB-U402	100GARAK002B11	AOC M2460PHU	0
	A15G1790201D0100JH	MAINFRAME	1
	A33G130100101C0100	LENS_LIGHT_SENSOR	1

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	A33G1363AED01B0100	COVER_HINGE	1
	A34G2832AED09B0100	REAR_COVER	1
	A34G2854AEDF2B0130	BEZEL	1
	A37G030310200000FH	stand ass'y	1
	A37G030320100000FH	BASE_ASS' Y	1
	A85G029210100000NP	SHIELD USB	1
	AM1G1740 12 47 CR3	SCREW	4
	CBPCBT7A1QAJ	MAIN BOARD G5436-MOD-000-0040-20120224	1
CN603	033G3802 4B Y L	CONNECTOR 4P 2.0	1
CN402	033G3802 5B Y L	CONNECTOR 5P 2.0	1
CN405	033G3802 6B Y L	WAFER	1
CN701	033G3802 9B Y L	CONN 2.0 9P	1
CN409	033G801930F CH L	FFC CONN 1.0mm 30P R/A 34mm 6mm	1
	051G6002 2 GP	ACCELERANT	0.03
	051G6002 3 GP	thermal adhesive	0.18
R705	061G152M399 64 SY	RST MOFR 3.9 OHM +-5% 2WS FUTABA	1
C633	067G215H471 2C	EC 470UF 20% 10V SY 8*9	1
CN604	088G 30214B DC	PHONE JACK 5P BLACK - R/A 15	1
CN601	088G 30214K DC	PHONE JACK 5P GREEN -	1
CN101	088G 35315F HD	D-SUB CONN 15P BLUE - R/A	1
CN103	088G 35424F C	DVI 24PIN CONN F attached Screw	1
HS-U401	090G6250 1 GP	HEAT SINK	1
X401	093G 22 53 J	CRYSTAL 14.31818MHZ/32PF49US	1
	AIGBT7A1QAJ	MAIN BOARD FOR AI	1
C708	067G 3051013PB	EC 105C 100uF M 16V 5*11mm JH CD263	1
C705	067G 3051013PB	EC 105C 100uF M 16V 5*11mm JH CD263	1
C703	067G 3051013PB	EC 105C 100uF M 16V 5*11mm JH CD263	1
C430	067G 3051013PB	EC 105C 100uF M 16V 5*11mm JH CD263	1
C710	067G 3051013PB	EC 105C 100uF M 16V 5*11mm JH CD263	1
C620	067G 3052213CB	EC 220UF 20% 16V 6.3*11 2000 hr 216mA -	1
C621	067G 3052213CB	EC 220UF 20% 16V 6.3*11 2000 hr 216mA -	1
C702	067G 3052213CB	EC 220UF 20% 16V 6.3*11 2000 hr 216mA -	1
C601	067G305S2213HB	EC 220UF 20% 16V 6.3*7	1
	SMTCBT7A1QAJ	MAIN BOARD FOR SMT	1
	040G 45762420A	LABEL 25x6mm	1
U401	056G 562406	SCALER RTD2483RD-GR LQFP-128	1
U701	056G 563 76	G960T63UF SOT-223	1
U706	056G 563146	LDO G912T63U 1A 1.2V SOT-223	1
U601	056G 616112	AUDIO APA2606NAI-TRG 2.8W SSOP-24P	1
U104	056G 662 12	C AZ1045-04SU SOT23-6L	1

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U107	056G 662 21	IC AOZ8804DI DFN-10	1
U105	056G 662 21	IC AOZ8804DI DFN-10	1
U109	056G1133 34 1	EEPROM M24C02-RMN6TP 2Kb SO-8	1
U106	056G1133 34 1	EEPROM M24C02-RMN6TP 2Kb SO-8	1
U102	056G1133 34 1	EEPROM M24C02-RMN6TP 2Kb SO-8	1
U402	056G2233501	FLASH MX25L2026DM1I-12G 2Mb SOP-8	1
Q401	057G 417517	Tra LMBT3906LT1G -200mA/-40V SOT-23 LRC	1
Q402	057G 417517	Tra LMBT3906LT1G -200mA/-40V SOT-23 LRC	1
Q701	057G 417518	TRA LMBT3904LT1G 200mA/40V SOT-23 LRC	1
Q705	057G 417518	TRA LMBT3904LT1G 200mA/40V SOT-23 LRC	1
Q703	057G 763 3	AO4411 SO-8 BY AOS	1
R459	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	1
R406	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	1
R612	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	1
R629	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	1
R405	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	1
R154	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R153	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R152	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R151	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R150	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R149	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R148	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R130	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R106	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R104	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R102	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R155	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R618	061G04021001FT	RST CHIP R 1Kohm 1/16W +/-1%	1
R709	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R702	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R606	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R437	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R436	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R433	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R140	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R136	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R118	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R117	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R603	061G0402102 JI	RST 0402 1K 5% 1/16W TA-I	0

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R107	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R129	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R132	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R144	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R603	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R710	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R704	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R703	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R630	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R434	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R425	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R408	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R407	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R453	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	1
R455	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	1
R456	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	1
R712	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN	1
R622	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN	1
R619	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN	1
R442	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN	1
R441	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN	1
R428	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN	1
R628	061G04021202FT	RST 0402 12K 1% 1/16W	1
R429	061G0402220 JT	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R418	061G0402220 JT	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R417	061G0402220 JT	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R416	061G0402220 JT	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R120	061G0402222 JT	RST CHIP 2K2 1/16W 5% TZAI YUAN	1
R121	061G0402222 JT	RST CHIP 2K2 1/16W 5% TZAI YUAN	1
R403	061G0402222 JT	RST CHIP 2K2 1/16W 5% TZAI YUAN	1
R404	061G0402222 JT	RST CHIP 2K2 1/16W 5% TZAI YUAN	1
R713	061G0402223 JT	RST CHIP 22K 1/16W 5% TZAI YUAN	1
R706	061G0402223 JT	RST CHIP 22K 1/16W 5% TZAI YUAN	1
R611	061G0402223 JT	RST CHIP 22K 1/16W 5% TZAI YUAN	1
R610	061G0402223 JT	RST CHIP 22K 1/16W 5% TZAI YUAN	1
R609	061G0402223 JT	RST CHIP 22K 1/16W 5% TZAI YUAN	1
R147	061G0402223 JT	RST CHIP 22K 1/16W 5% TZAI YUAN	1
R135	061G0402223 JT	RST CHIP 22K 1/16W 5% TZAI YUAN	1
R124	061G0402223 JT	RST CHIP 22K 1/16W 5% TZAI YUAN	1
R615	061G04023001FT	RST CHIP R 3Kohm 1/16W +/-1%	1

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R616	061G04023302FT	RST CHIP R 33Kohm 1/16W +/-1%	1
R614	061G0402333 JT	RST CHIP 33K 1/16W 5% TZAI YUAN	1
R613	061G0402333 JT	RST CHIP 33K 1/16W 5% TZAI YUAN	1
R449	061G0402392 JF	RST CHIPR 3.9KOHM +-5% 1/16W FENGHUA	1
R448	061G0402392 JF	RST CHIPR 3.9KOHM +-5% 1/16W FENGHUA	1
R447	061G0402392 JF	RST CHIPR 3.9KOHM +-5% 1/16W FENGHUA	1
R449	061G0402392 JY	RST CHIPR 3.9KOHM 5% 1/16W YAGEO	0
R448	061G0402392 JY	RST CHIPR 3.9KOHM 5% 1/16W YAGEO	0
R447	061G0402392 JY	RST CHIPR 3.9KOHM 5% 1/16W YAGEO	0
R142	061G0402470 JT	RST CHIP 47R 1/16W 5% TZAI YUAN	1
R141	061G0402470 JT	RST CHIP 47R 1/16W 5% TZAI YUAN	1
R138	061G0402470 JT	RST CHIP 47R 1/16W 5% TZAI YUAN	1
R137	061G0402470 JT	RST CHIP 47R 1/16W 5% TZAI YUAN	1
R126	061G0402470 JT	RST CHIP 47R 1/16W 5% TZAI YUAN	1
R125	061G0402470 JT	RST CHIP 47R 1/16W 5% TZAI YUAN	1
R114	061G0402470 JT	RST CHIP 47R 1/16W 5% TZAI YUAN	1
R113	061G0402470 JT	RST CHIP 47R 1/16W 5% TZAI YUAN	1
R112	061G0402470 JT	RST CHIP 47R 1/16W 5% TZAI YUAN	1
R462	061G0402470 JT	RST CHIP 47R 1/16W 5% TZAI YUAN	0
R463	061G0402470 JT	RST CHIP 47R 1/16W 5% TZAI YUAN	0
R462	061G0402470 JY	RST CHIPR 47 OHM 5% 1/16W YAGEO	1
R463	061G0402470 JY	RST CHIPR 47 OHM 5% 1/16W YAGEO	1
R605	061G0402471 JT	RST CHIP 470R 1/16W 5% TZAI YUAN	1
R413	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R146	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R145	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R715	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R134	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R133	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R414	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R435	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R439	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R701	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R123	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R122	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R457	061G0402561 JF	RST CHIP 560R 1/16W 5% FENGHUA	1
R457	061G0402561 JI	RST 0402 560R 5% 1/16W	0
R446	061G04026201FF	RST CHIP 6.2K 1/16W 1% FENGHUA	0
R446	061G04026201FI	TEST ONLY RST CHIP 6.2K 1/16W 1% TA-I	0
R446	061G04026201FT	RST CHIP 6.2K 1/16W 1%	1

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R446	061G04026201FY	RST CHIP 6.2K 1/16W 1%	0
R116	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R156	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
FB104	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
FB105	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
FB106	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R115	061G0603101 JI	RST 0603 100R 5% 1/10W TA-I	0
R159	061G0603101 JI	RST 0603 100R 5% 1/10W TA-I	0
R160	061G0603101 JI	RST 0603 100R 5% 1/10W TA-I	0
R161	061G0603101 JI	RST 0603 100R 5% 1/10W TA-I	0
R162	061G0603101 JI	RST 0603 100R 5% 1/10W TA-I	0
R115	061G0603101 JT	RST CHIP 100R 1/10W 5% TZAI YUAN	1
R159	061G0603101 JT	RST CHIP 100R 1/10W 5% TZAI YUAN	1
R160	061G0603101 JT	RST CHIP 100R 1/10W 5% TZAI YUAN	1
R161	061G0603101 JT	RST CHIP 100R 1/10W 5% TZAI YUAN	1
R162	061G0603101 JT	RST CHIP 100R 1/10W 5% TZAI YUAN	1
R620	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	1
R624	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	1
R620	061G0603102 JI	TEST ONLY RST 0603 1K 5% 1/10W TA-I	0
R624	061G0603102 JI	TEST ONLY RST 0603 1K 5% 1/10W TA-I	0
R607	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	1
R607	061G0603103 JI	RST 0603 10K 5% 1/10W	0
R621	061G0603121 JF	RST CHIPR 120 OHM 5% 1/10W FENGHUA	1
R623	061G0603121 JF	RST CHIPR 120 OHM 5% 1/10W FENGHUA	1
R163	061G0603201 JI	RST 0603 200R 5% 1/10W TA-I	1
R164	061G0603201 JI	RST 0603 200R 5% 1/10W TA-I	1
R165	061G0603201 JI	RST 0603 200R 5% 1/10W TA-I	1
R419	061G0603220 JY	RST CHIPR 22 OHM £«-5£¥ 1/10W YAGEO	1
R410	061G06033300FY	RST CHIPR 330OHM 1/10W YAGEO	1
R412	061G0603471 JT	RST CHIPR 470OHM +-5% 1/10W TZAI YUAN	1
R460	061G1206301 JT	RST CHIPR 300 OHM +-5% 1/4W TZAI YUAN	1
R108	061G1206750 JF	RST CHIPR 75 OHM +-5% 1/4W FENGHUA	0
R109	061G1206750 JF	RST CHIPR 75 OHM +-5% 1/4W FENGHUA	0
R110	061G1206750 JF	RST CHIPR 75 OHM +-5% 1/4W FENGHUA	0
R110	061G1206750 JT	RST CHIPR 75 OHM +-5% 1/4W TZAI YUAN	1
R109	061G1206750 JT	RST CHIPR 75 OHM +-5% 1/4W TZAI YUAN	1
R108	061G1206750 JT	RST CHIPR 75 OHM +-5% 1/4W TZAI YUAN	1
C407	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1
C402	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1
C401	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1

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C144	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C143	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C142	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C141	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C140	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C136	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C137	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C138	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C139	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C707	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C714	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C711	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C709	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C706	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C704	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C701	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C622	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C604	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C602	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C431	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C427	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C423	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C416	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C411	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C410	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C409	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C408	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C421	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C420	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C419	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C418	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C417	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C113	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C125	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C126	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C134	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C135	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	1
C117	065G040222031J	T	CAP CHIP 0402 22pF J 50V NPO	1
C118	065G040222031J	T	CAP CHIP 0402 22pF J 50V NPO	1
C629	065G040222131J	T	CAP CHIP 0402 220pF 50V NPO	1

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C623	065G040222131J	T	CAP CHIP 0402 220pF 50V NPO	1
C619	065G040222131J	T	CAP CHIP 0402 220pF 50V NPO	1
C614	065G040222131J	T	CAP CHIP 0402 220pF 50V NPO	1
C104	065G040222322K	T	CAP MLCC 0402 22nF K 25V X7R	1
C121	065G040222415K	T	CAP CHIP 0402 220nF K 16V X5R	1
C127	065G040222415K	T	CAP CHIP 0402 220nF K 16V X5R	1
C129	065G040222415K	T	CAP CHIP 0402 220nF K 16V X5R	1
C403	065G040222415K	T	CAP CHIP 0402 220nF K 16V X5R	1
C713	065G040222415K	T	CAP CHIP 0402 220nF K 16V X5R	1
C101	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	1
C102	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	1
C103	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	1
C111	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	1
C114	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	1
C115	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	1
C613	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	1
C628	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	1
C413	065G060310512K	3	CAP 0603 1UF 10% 16V X7R	1
C611	065G060310512K	3	CAP 0603 1UF 10% 16V X7R	1
C612	065G060310512K	3	CAP 0603 1UF 10% 16V X7R	1
C616	065G060310512K	3	CAP 0603 1UF 10% 16V X7R	1
C624	065G060310512K	3	CAP 0603 1UF 10% 16V X7R	1
C631	065G060310512K	3	CAP 0603 1UF 10% 16V X7R	1
C422	065G060333031J	Y	CAP CHIP 0603 33P 50V NPO +/-5%	1
C425	065G060333031J	Y	CAP CHIP 0603 33P 50V NPO +/-5%	1
C634	065G060347131J	F	CAP CHIP 0603 470PF J 50V NPO	1
C635	065G060347131J	F	CAP CHIP 0603 470PF J 50V NPO	1
C632	065G060347332K	F	CAP CHIP 0603 47NF K 50V X7R	0
C632	065G060347332K	Y	CAP CHIP 0603 47N 50V X7R +/-10%	1
C608	065G060347412K	T	CAP CHIP 0603 0.47UF K 16V X7R	1
C607	065G060347412K	T	CAP CHIP 0603 0.47UF K 16V X7R	1
C609	065G060368131J	Y	CAP CHIP 0603 680pF J 50V NPO	1
C610	065G060368131J	Y	CAP CHIP 0603 680pF J 50V NPO	1
C412	065G0805106A5K	3	CHIP 10uF 10V X5R 10%	1
C415	065G0805106A5K	3	CHIP 10uF 10V X5R 10%	1
C424	065G0805106A5K	3	CHIP 10uF 10V X5R 10%	1
C432	065G0805106A5K	3	CHIP 10uF 10V X5R 10%	1
C615	065G0805106A5K	3	CHIP 10uF 10V X5R 10%	1
C627	065G0805106A5K	3	CHIP 10uF 10V X5R 10%	1
C605	065G0805106A5K	T	CHIP 10uF 10V X5R 0805	1

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C626	065G080522512K M	CAP 0805 2.2UF 10% 16V X7R	1
FB608	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	1
FB606	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	1
FB605	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	1
FB604	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	1
FB603	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	1
FB602	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	1
FB601	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	1
FB411	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	1
FB407	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	1
FB406	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	1
FB405	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	1
FB404	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	1
FB403	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	1
FB402	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	1
FB401	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	1
R103	071G 59C600 M	CHIP BEAD 60 OHM 0603 600mA	0
R101	071G 59C600 M	CHIP BEAD 60 OHM 0603 600mA	0
R105	071G 59C600 M	CHIP BEAD 60 OHM 0603 600mA	0
R105	071G 59C600 TA	CHIP BEAD 0603 60R 25% 600mA	1
R101	071G 59C600 TA	CHIP BEAD 0603 60R 25% 600mA	1
R103	071G 59C600 TA	CHIP BEAD 0603 60R 25% 600mA	1
FB610	071G 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB609	071G 59C601 TA	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB103	071G 59G301 TA	CHIP BEAD 300OHM 200mA FCM1608KF-301T02	1
FB102	071G 59G301 TA	CHIP BEAD 300OHM 200mA FCM1608KF-301T02	1
FB101	071G 59G301 TA	CHIP BEAD 300OHM 200mA FCM1608KF-301T02	1
CN102	088G 340 19 AV	HDMI HEADER 19P +SCREW HOLE	1
D102	093G 60518SEM	SCHOTTKY BAT54C-HAF 0.2A 30V SOT-23	1
D103	093G 64 42 PP	BAV70 SOT-23	1
D101	093G 64 42 PP	BAV70 SOT-23	1
D115	093G 6433S	switching diode BAV99	1
D114	093G 6433S	switching diode BAV99	1
D113	093G 6433S	switching diode BAV99	1
D112	093G 6433S	switching diode BAV99	1
D111	093G 6433S	switching diode BAV99	1
D110	093G 6433S	switching diode BAV99	1
D109	093G 6433S	switching diode BAV99	1
D108	093G 6433S	switching diode BAV99	1
D107	093G 6433S	switching diode BAV99	1

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D106	093G 6433S	switching diode BAV99	1
D105	093G 6433S	switching diode BAV99	1
ZD601	093G 39GA01 T	RLZ5.6B	1
ZD602	093G 39GA01 T	RLZ5.6B	1
ZD603	093G 39GA01 T	RLZ5.6B	1
ZD604	093G 39GA01 T	RLZ5.6B	1
ZD115	093G 39S940 T	ZENER GLZ5.6B 5.6 0.5 MINI-MELF LL-34	1
ZD114	093G 39S940 T	ZENER GLZ5.6B 5.6 0.5 MINI-MELF LL-34	1
ZD113	093G 39S940 T	ZENER GLZ5.6B 5.6 0.5 MINI-MELF LL-34	1
ZD112	093G 39S940 T	ZENER GLZ5.6B 5.6 0.5 MINI-MELF LL-34	1
ZD111	093G 39S940 T	ZENER GLZ5.6B 5.6 0.5 MINI-MELF LL-34	1
ZD110	093G 39S940 T	ZENER GLZ5.6B 5.6 0.5 MINI-MELF LL-34	1
ZD109	093G 39S940 T	ZENER GLZ5.6B 5.6 0.5 MINI-MELF LL-34	1
ZD108	093G 39S940 T	ZENER GLZ5.6B 5.6 0.5 MINI-MELF LL-34	1
ZD106	093G 39S940 T	ZENER GLZ5.6B 5.6 0.5 MINI-MELF LL-34	1
ZD105	093G 39S940 T	ZENER GLZ5.6B 5.6 0.5 MINI-MELF LL-34	1
ZD101	093G 39S940 T	ZENER GLZ5.6B 5.6 0.5 MINI-MELF LL-34	1
ZD104	093G 39S940 T	ZENER GLZ5.6B 5.6 0.5 MINI-MELF LL-34	1
E715	715G5436M0D000004L	MAIN PCB FR4 DS 132X79+1.6(mm)	1
	H40G 45762429A	LABEL	1
	J07G 1 S133 X	wooden pallet	1
	J40G 58161548B	EPA+TC005 LABEL	1
	J40G000261562A	CEL LABEL	1
	J40G000261563A	CARTON LABEL	1
	J40G024N61519A	RATING LABEL	2
	J40G024N61520A	RATING LABEL	1
	J44G600062421A	LOADING CARTON	1
	J44G6002 S134	PAPER PLATE	1
	J44G9003210 35	CORNER PAPER	1
	J44GK9041010JB	CUSHION-T	1
	J44GK9042010JB	CUSHION-B	1
	J44GK90461503A00SK	ARTWORK CARTON	1
	J45G 77 6	PE PACKING	1.73
	J52G 1185A6A	MIDDLE TAPE FOR CARTON	20
	J52G 1185A6B	MIDDLE TAPE FOR CARTON	0
	J52G1801 5 1A	TAPE_INSULATING	1
	J70G24C161507A	CD MANUAL M2460PHU	1
	KEPCBQR1J	KEY BOARD G5357-K0B-000-0010-2-111207	1
LED001	381G00122YG0GP	LED yellow/green GP32032M/P310-ZY-30	1
CN001	395G820H06DM04	HARNESS 6P-6P 320mm	0

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CN001	395G820H06XM04	HARNESS 6P-6P 320mm	1
	SMTKEPCBQR1J	KEY BOARD FOR SMT	1
R003	061G0603101 JI	RST 0603 100R 5% 1/10W TA-I	0
R001	061G0603101 JI	RST 0603 100R 5% 1/10W TA-I	0
R003	061G0603101 JY	RST CHIPR 100 OHM +-5% 1/10W YAGEO	1
R001	061G0603101 JY	RST CHIPR 100 OHM +-5% 1/10W YAGEO	1
R002	061G0603102 JI	TEST ONLY RST 0603 1K 5% 1/10W TA-I	0
R002	061G0603102 JT	RST CHIP 1K 1/10W 5% TZAI YUAN	1
R005	061G0603202 JI	RST 0603 2K 5% 1/16W TA-I	0
R004	061G0603202 JI	RST 0603 2K 5% 1/16W TA-I	0
R005	061G0603202 JT	RST 0603 2K 5% 1/10W	1
R004	061G0603202 JT	RST 0603 2K 5% 1/10W	1
ZD007	093G 64 59 SU	ESD MLVS0603M04 0603	1
ZD006	093G 64 59 SU	ESD MLVS0603M04 0603	1
ZD005	093G 64 59 SU	ESD MLVS0603M04 0603	1
ZD004	093G 64 59 SU	ESD MLVS0603M04 0603	1
ZD003	093G 64 59 SU	ESD MLVS0603M04 0603	1
ZD002	093G 64 59 SU	ESD MLVS0603M04 0603	1
ZD001	093G 64 59 SU	ESD MLVS0603M04 0603	1
	AIKEPCBQR1J	KEY BOARD FOR AI	1
SW005	077G603S AI HJ	TACT SWITCH AI 2PIN SEALED	1
SW001	077G603S AI HJ	TACT SWITCH AI 2PIN SEALED	1
SW002	077G603S AI HJ	TACT SWITCH AI 2PIN SEALED	1
SW003	077G603S AI HJ	TACT SWITCH AI 2PIN SEALED	1
SW004	077G603S AI HJ	TACT SWITCH AI 2PIN SEALED	1
E715	715G5357K01000001C	KEY PCB FR1 SS 115X10+1.6（mm）	1
	LSPCBQM9J	LSB G5368-T0E-000-0040-20120229	1
	SMTLSPCBQM9J	LIGHT SENSOR BOARD FOR SMT	1
	040G 45762420A	LABEL 25x6mm	1
U040	056G 665 62	IC ALS-PDIC17-79NB/TR8 FN-6	1
ZD042	093G 39S501 T	LUDZS5.6BT1G BY LRC	1
ZD041	093G 39S501 T	LUDZS5.6BT1G BY LRC	1
ZD040	093G 39S501 T	LUDZS5.6BT1G BY LRC	1
CN040	311GW125D04AAX	CONN 1.25mm 4P	1
E715	715G5368T0F000004C	IR PCB FR4 DS 10*21*1.6mm	1
	PLPCB5361CYM4J	POWER G5361-P0C-000-X-1-120105	1
GND1	009G6005 1	GND TERMINAL	1
GND2	009G6005 1	GND TERMINAL	1
CN904	033G3278 2D	WAFER 2.5MM 2P	1
IC902	056G 139 3A	PC123Y22FZ0F SHARP	1

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NR901	061G 58809MEN	RST NTCR 8OHM +/20%/NMM01 4A XIANZHENG	1
C908	063G107K474 6S	0.47UF +-10%	1
C907	067G 41Z15115H	EC 150uF 450V M 20*45mm	1
C933	067G215S1024KV	EC 1000UF 20% 25V 12.5*20	1
C918	067G215S1024KV	EC 1000UF 20% 25V 12.5*20	1
L906	073G 253 91 H	IND CHOKE 3.5uH+-10% DADONG	1
L905	073G 253 91 H	IND CHOKE 3.5uH+-10% DADONG	1
L801	073G 253214 DN	CHOKE COIL 47UH 10% LZ.CC013.G01 2.5A	1
L901	073L 174 26H1G	LINE FILTER 27MH MIN UU16	1
SW901	077G 30625B S	ROCKER SWITCH	1
CN901	087G 501 32 S	AC SOCKET ST-01CP-BCE-R	1
BD901	093G 50460 50	BRIDGE GBL08 4A/800V GBL	1
D801	093G 60988	SCHOTTKY SB5100-E 5A 100V DO-201AD	1
CN903	395G082004D506	HARNESS 4P(SAN)-4P(2008) 120	1
CN902	395G082510W549	HARNESS 10P(SCN)-9P(2008) 120	0
CN902	395G082510X549	HARNESS HARNESS 10P(SCN)-9P(2008) 120	1
CN801	395G820H06X509	HARNESS 6P(SANW)-6P(CI1406SL) 320mm	1
	705GJB57062	Q901 ASS'Y	1
	051G 200 1	OIL FOR DISAPPEAR	0.1
Q901	057G 667923	MOSFET SMK0765F 7A 650V TO-220FP	0
Q901	057G 667924	MOSFET SMK0965F	1
HS1	090G6064 1	HEAT SINK	1
	0M1G 930 8120	SCREW 3x8	1
	705GJB93070	D901/D905/D906 ASS'Y	1
	051G 200 1	OIL FOR DISAPPEAR	0.3
HS2	090G6273 1	HEAT SINK	1
D901	093G 60268	SCHOTTKY YG865C15RSC 20A 150V TO-220F	1
D905	093G 60930	SCHOTTKY MBRF2060CT 20A 60V ITO-220AB	1
D906	093G 60930	SCHOTTKY MBRF2060CT 20A 60V ITO-220AB	1
	0M1G 930 8120	SCREW 3x8	3
	H40G 45762429A	LABEL	2
	PLB5361CYM4SMTJ	POWER BOARD FOR SMT	1
IC901	056G 379190	AC/DC CONVERTER LD7750RGR SOP-7	1
U801	056G 700 11	LED DRIVER OZ9998BGN-A1-0-TR SOP-16	1
Q906	057G 417518	TRA LMBT3904LT1G 200mA/40V SOT-23 LRC	1
Q905	057G 763535	MOSFET LP3401LT1G -4.2A -30V SOT-23	1
Q801	057G 763958	MOSFET AO4482L 6A 100V SO8	1
R928	061G06031001FF	RST CHIPR 1 KOHM +-1% 1/10W FENGHUA	0
R928	061G06031001FT	RST CHIP 1K 1/10W 1%	1
R918	061G06031002FF	RST CHIPR 10 KOHM +-1% 1/10W FENGHUA	0

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R916	061G06031002FF	RST CHIPR 10 KOHM +-1% 1/10W FENGHUA	0
R918	061G06031002FT	RST CHIP 10K 1/10W 1%	1
R916	061G06031002FT	RST CHIP 10K 1/10W 1%	1
R932	061G0603103 JT	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R920	061G06031501FF	RST CHIPR 1.5K OHM +-1% 1/10W FENGHUA	0
R920	061G06031501FT	RST CHIP 1K5 1/10W 1%	1
R937	061G0603223 JF	RST CHIPR 22KOHM 5% 1/10W FENGHUA	0
R937	061G0603223 JT	RST 0603 22K 5% 1/10W	1
R931	061G0603473 JF	RST CHIPR 47KOHM +-5% 1/10W FENGHUA	0
R931	061G0603473 JT	RST CHIP 47K 1/10W 5% TZAI YUAN	1
R925	061G06039101FF	RST CHIPR 9.1KOHM +-1% 1/10W FENGHUA	0
R925	061G06039101FI	TEST ONLY RST 0603 9.1K 1% 1/10W TA-I	1
R925	061G06039101FT	RST CHIP 9K1 1/10W 1%	0
R804	061G0805100 JF	RST CHIPR 10 OHM +-5% 1/8W FENGHUA	1
R804	061G0805100 JT	RST CHIP 10R 1/8W 5% TZAI YUAN	0
R934	061G08051003FF	RST CHIPR 100KOHM +-1% 1/8W FENGHUA	0
R934	061G08051003FT	RST CHIP 100K 1/8W 1%	1
R907	061G0805102 JF	RST CHIPR 1K OHM +-5% 1/8W FENGHUA	1
R806	061G0805102 JF	RST CHIPR 1K OHM +-5% 1/8W FENGHUA	1
R907	061G0805102 JT	RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN	0
R801	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R818	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R801	061G0805103 JT	RST 0805 10K 5% 1/8W	0
R818	061G0805103 JT	RST 0805 10K 5% 1/8W	0
R805	061G0805104 JY	RST CHIPR 100KOHM 1/8W YAGEO	1
R815	061G0805164 JF	RST 0805 160K 5% 1/8W	1
R815	061G0805164 JT	RST 0805 160K 5% 1/8W	0
R810	061G08052002FF	RST CHIPR 20KOHM +-1% 1/8W FENGHUA	0
R810	061G08052002FT	RST CHIP 20K 1/8W 1%	1
R803	061G0805304 JF	RST CHIPR 300KOHM +-5% 1/8W FENGHUA	1
R802	061G0805304 JF	RST CHIPR 300KOHM +-5% 1/8W FENGHUA	1
R803	061G0805304 JT	RST CHIP 300K 1/8W 5% TZAI YUAN	0
R802	061G0805304 JT	RST CHIP 300K 1/8W 5% TZAI YUAN	0
R816	061G08053301FF	RST CHIPR 3.3KOHM +-1% 1/8W FENGHUA	0
R816	061G08053301FY	RST CHIP 3K3 1/8W 1%	1
R809	061G08053303FT	RST CHIP 330K 1% 1/8W	1
R809	061G08053303FY	RST CHIP 330K 1/8W 1%	0
R905	061G0805471 JF	RST CHIPR 470 OHM +-5% 1/8W FENGHUA	1
R905	061G0805471 JT	RST CHIPR 470OHM +-5% 1/8W TZAI YUAN	0
R825	061G0805479 JT	RST CHIPR 4R7 +-5% 1/8W TZAI YUAN	1

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RJ901	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	0
R913	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	0
R811	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	0
R936	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	0
R811	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	1
R936	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	1
R913	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	1
RJ901	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	1
R826	061G12060004JF	RST CHIPR MAX0R05 4A 1/4W FENGHUA	1
R826	061G12060004JY	RST CHIPR MAX0R05 4A 1/4W YAGEO	0
R814	061G1206100 JI	RST 1206 10R 5% 1/4W	1
R827	061G1206100 JT	RST CHIPR 10 OHM +-5% 1/4W TZAI YUAN	1
R814	061G1206100 JT	RST CHIPR 10 OHM +-5% 1/4W TZAI YUAN	0
R817	061G12061001FF	RST CHIPR 1KOHM +-1% 1/4W FENGHUA	0
R817	061G12061001FT	RST CHIP R 1Kohm +-1% 1/4W	1
R910	061G1206101 JF	RST CHIPR 100 OHM +-5% 1/4W FENGHUA	0
R909	061G1206101 JF	RST CHIPR 100 OHM +-5% 1/4W FENGHUA	0
R930	061G1206101 JF	RST CHIPR 100 OHM +-5% 1/4W FENGHUA	0
R929	061G1206101 JF	RST CHIPR 100 OHM +-5% 1/4W FENGHUA	0
R903	061G1206101 JF	RST CHIPR 100 OHM +-5% 1/4W FENGHUA	0
R912	061G1206101 JF	RST CHIPR 100 OHM +-5% 1/4W FENGHUA	0
R903	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R929	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R930	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R909	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R910	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R912	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R935	061G1206103 JF	RST CHIPR 10KOHM +-5% 1/4W FENGHUA	0
R908	061G1206103 JF	RST CHIPR 10KOHM +-5% 1/4W FENGHUA	0
R935	061G1206103 JT	RST CHIPR 10KOHM +-5% 1/4W TZAI YUAN	1
R908	061G1206103 JT	RST CHIPR 10KOHM +-5% 1/4W TZAI YUAN	1
R938	061G1206109 JF	RST CHIPR 1 OHM +-5% 1/4W FENGHUA	0
R938	061G1206109 JT	RST CHIPR 1 OHM +-5% 1/4W TZAI YUAN	1
R917	061G1206220 JT	RST CHIPR 22 OHM +-5% 1/4W TZAI YUAN	1
R812	061G1206308 JF	RST CHIPR 0.3 OHM +-5% 1/4W FENGHUA	1
R813	061G1206308 JF	RST CHIPR 0.3 OHM +-5% 1/4W FENGHUA	1
R813	061G1206308 JT	RST 1206 0.3R 5% 1/4W	0
R812	061G1206308 JT	RST 1206 0.3R 5% 1/4W	0
R919	061G1206471 JF	RST CHIPR 470 OHM +-5% 1/4W FENGHUA	0
R919	061G1206471 JT	RST CHIPR 470 OHM +-5% 1/4W TZAI YUAN	1

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R902	061G1206684 JF	RST CHIPR 680KOHM +-5% 1/4W FENGHUA	0
R901	061G1206684 JF	RST CHIPR 680KOHM +-5% 1/4W FENGHUA	0
R900	061G1206684 JF	RST CHIPR 680KOHM +-5% 1/4W FENGHUA	0
R900	061G1206684 JT	RST CHIPR 680 KOHM +-5% 1/4W TZAI YUAN	1
R902	061G1206684 JT	RST CHIPR 680 KOHM +-5% 1/4W TZAI YUAN	1
R901	061G1206684 JT	RST CHIPR 680 KOHM +-5% 1/4W TZAI YUAN	1
C925	065G060310432K Y	CAP 0603 100NF 10% 50V X7R	1
C813	065G080510131J F	CAP CHIP 0805 100PF J 50V NPO	1
C813	065G080510131J Y	CAP CHIP 0805 100P 50V NPO +/-5%	0
C815	065G080510232K F	CAP 0805 1000PF 10% 50V X7R	1
C923	065G080510232K F	CAP 0805 1000PF 10% 50V X7R	0
C803	065G080510232K F	CAP 0805 1000PF 10% 50V X7R	0
C923	065G080510232K Y	CAP CHIP 0805 1N 50V X7R +/-10%	1
C815	065G080510232K Y	CAP CHIP 0805 1N 50V X7R +/-10%	0
C803	065G080510232K Y	CAP CHIP 0805 1N 50V X7R +/-10%	1
C802	065G080510332K F	CAP 0805 10NF K 50V X7R	0
C802	065G080510332K Y	CAP CHIP 0805 10N 50V X7R +/-10%	1
C924	065G080510432K 3	CAP CHIP 0805 100N 50V X7R +/-10%	0
C912	065G080510432K 3	CAP CHIP 0805 100N 50V X7R +/-10%	0
C814	065G080510432K 3	CAP CHIP 0805 100N 50V X7R +/-10%	0
C814	065G080510432K A	CAP CHIP 0805 0.1UF K 50V X7R	1
C924	065G080510432K A	CAP CHIP 0805 0.1UF K 50V X7R	1
C912	065G080510432K A	CAP CHIP 0805 0.1UF K 50V X7R	1
C935	065G080510432K F	CAP CHIP 0805 0.1UF K 50V X7R	0
C924	065G080510432K T	0.1UF K 50V X7R TAIYO YUDEN	0
C814	065G080510432K T	0.1UF K 50V X7R TAIYO YUDEN	0
C935	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%	1
C805	065G080522522K M	CAP 0805 2.2UF 10% 25V X7R	1
C805	065G080522522K T	CAP 0805 2.2uF 10% 25V X7R	0
C914	065G080547131J F	CAP CHIP 0805 470PF J 50V NPO	0
C914	065G080547131J Y	CAP CHIP 0805 470P 50V NPO +/-5%	1
C915	065G080547232K Y	CAP CHIP 0805 4N7 50V X7R +/-10%	1
C926	065G080547432K 3	CAP 0805 470NF 10% 50V X7R	0
C811	065G080547432K 3	CAP 0805 470NF 10% 50V X7R	0
C810	065G080547432K 3	CAP 0805 470NF 10% 50V X7R	0
C804	065G080547432K 3	CAP 0805 470NF 10% 50V X7R	0
C926	065G080547432K T	CAP CHIP 0805 0.47UF K 50V X7R	1
C811	065G080547432K T	CAP CHIP 0805 0.47UF K 50V X7R	1
C804	065G080547432K T	CAP CHIP 0805 0.47UF K 50V X7R	1
C810	065G080547432K T	CAP CHIP 0805 0.47UF K 50V X7R	1

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C816	065G120610171J Y	CAP 1206 100PF 5% 500V NP0	1
	PLB5361CYM4AIJ	POWER BOARD FOR ai	1
CN901	006G 31500	EYELET	2
SW901	006G 31500	EYELET	2
	040G 45762420A	LABEL 25x6mm	1
IC903	056G 158 12	Shunt Regulator KIA431A-AT/P TO-92	1
Q904	057G 530503 T	2SD1207T	1
R915	061G 17210052T XZ	RST CFR 10 OHM +-5% 1/4W XIANZHENG	1
R914	061G 21047152T TZ	RST MFLM 470R 1/6W 1%	1
R923	061G 60220152T XZ	RST CFR 200 OHM +-5% 1/6W XIANZHENG	1
R906	061G152M10452T SY	RST MOFR 100KOHM +-5% 2WS FUTABA	1
R924	061G152M30852T SY	RST MOF 0.3R 5% 2W	1
R939	061G152M47152T SY	RST MOF 470R 5% 2W FUTABA	1
R904	061G152M47152T SY	RST MOF 470R 5% 2W FUTABA	1
C942	065G 1K101 2T6921	CAP CER 100pF 1KV K Y5P	1
C808	065G 1K1019ST	CAP CER 100PF 10% 1KV R	1
C917	065G 1K1029ST	CAP CER 1NF 10% 1KV R	0
C916	065G 1K1029ST	CAP CER 1NF 10% 1KV R	0
C911	065G 2K152 2T6921	CAP CER 1500pF K 2KV Y5P	1
C903	065G306K47123R	CAP Y1 470PF 10% 250V Y5P	1
C941	065G306K47123R	CAP Y1 470PF 10% 250V Y5P	1
C902	065G306K47123R	CAP Y1 470PF 10% 250V Y5P	1
C807	065G500K4742HT	CAP CER 470NF 10% 50V X7R	1
C917	065G517K102 2T6921	CAP CER 1000PF K 500V Y5P	1
C916	065G517K102 2T6921	CAP CER 1000PF K 500V Y5P	1
C920	067G 2046812KT	CAP CS 680UF 20% 10V 8*11 3900mA GP1A6	1
C921	067G 2046812KT	CAP CS 680UF 20% 10V 8*11 3900mA GP1A6	1
C809	067G 4153309KT	EC 33UF 20% 100V 8*12 ED	1
C801	067G 5152216KT	EC 220UF 20% 35V EJ	1
C922	067G 5153314KT	EC 330UF 20% 25V EJ	1
C919	067G215D3314KT	EC 330UF 20% 25V 10*12 ED	1
C913	067G215Y4707KT	EC 47uF 20% 50V 6.3*11mm EG	1
FB903	071G 55 9 T	BEAD 3.5*0.8*6.0mm 110R HF	1
FB601	071G 55 9 T	BEAD 3.5*0.8*6.0mm 110R HF	1
FB905	071G 55 26 H	BEAD 3.5*6.0*0.8 127R 25% BF-I35060R-796	1
FB904	071G 55 26 H	BEAD 3.5*6.0*0.8 127R 25% BF-I35060R-796	1
FB901	071G 55 29	FERRITE BEAD	1
FB802	071G 55 29	FERRITE BEAD	1
FB801	071G 55 29	FERRITE BEAD	1
F901	084G 56 4 B	FUSE 4A 250V	1

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F904	084G 56 5 B	FUSE 5A 250V SS-5-5A-AP	1
F902	084G 56 5 B	FUSE 5A 250V SS-5-5A-AP	1
ZD901	093G 3996052T	DIODE GDZJ20B DO-35	1
D904	093G 5212T52T	DIODE 1N4007-AO DO-41	1
D903	093G 5212T52T	DIODE 1N4007-AO DO-41	1
D907	093G 6451652T	1N4148	1
J809	095G 90 23	JUMP WIRE - -	1
J810	095G 90 23	JUMP WIRE - -	1
J811	095G 90 23	JUMP WIRE - -	1
J812	095G 90 23	JUMP WIRE - -	1
J901	095G 90 23	JUMP WIRE - -	1
J902	095G 90 23	JUMP WIRE - -	1
J904	095G 90 23	JUMP WIRE - -	1
J906	095G 90 23	JUMP WIRE - -	1
J908	095G 90 23	JUMP WIRE - -	1
J909	095G 90 23	JUMP WIRE - -	1
J910	095G 90 23	JUMP WIRE - -	1
J912	095G 90 23	JUMP WIRE - -	1
J916	095G 90 23	JUMP WIRE - -	1
FB902	095G 90 23	JUMP WIRE - -	1
J917	095G 90 23	JUMP WIRE - -	1
J913	095G 90 23	JUMP WIRE - -	1
J609	095G 90 23	JUMP WIRE - -	1
J801	095G 90 23	JUMP WIRE - -	1
J802	095G 90 23	JUMP WIRE - -	1
J803	095G 90 23	JUMP WIRE - -	1
J804	095G 90 23	JUMP WIRE - -	1
J805	095G 90 23	JUMP WIRE - -	1
J806	095G 90 23	JUMP WIRE - -	1
J807	095G 90 23	JUMP WIRE - -	1
J808	095G 90 23	JUMP WIRE - -	1
C937	365G306K6812WR	CAP Y1 680PF 10% 250V Y5P	1
C938	365G306M2223WR	CAP Y1 2.2NF 20% 250V Y5U	1
C940	365G500K2232HT	CAP CER 22NF 10% 50V X7R	1
E715	715G5361P1B000001C	PWR PCB FR1 SS 184X145X1.6mm	1
	Q51G 6 4509	GLUE_RTV	1
T901	S80GL22T3V3	Transformer Ass'Y	1
	Q33G0519AED01B0100	KEY_FUNCTION	0
	Q33G052000101C0100	LENS_POWER	0
	Q45G 88607 68	pe bag	1

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	USBAQU4J	USB BOARD G2727-T01-AUS-X-3-110522	1
CN707	033G3802 8B YH	CONNECTOR 8PIN 2.0PITCH	0
CN707	033G3802 8B YH L	CONNECTOR 8P 2.0	1
CN705	088G 3527A2 CL	USB CONN A TYPE R/A 4P BLACK H=6.8	1
CN705	088G 3527A2 XH	USB CONN A TYPE R/A 4P BLACK H=6.8	0
CN706	388G352E4B4ACL	USB A TYPE REVERSE R/A 4P RED H=6.8	1
	AIUSBAQU4J	USB BOARD FOR AI	1
C732	065G500K1042HT	CAP CER 100NF 10% 50V X7R	1
C733	065G500K1042HT	CAP CER 100NF 10% 50V X7R	1
E715	715G2727T01001001C	USB PCB FR1 SS 25X36+1.6(mm)	1
	USBBQM9J	USB BOARD G5370-T0E-000-0040_20120313	1
CN740	033G3802 4B Y	WAFER 2.0mm 4P	0
CN740	033G3802 4B Y L	CONNECTOR 4P 2.0	1
CN743	033G3802 8B Y L	CONNECTOR 8P 2.0pitch	1
C769	067G204V681 2L	CAP CS 680UF 20% 10V 8*11.5 2000 hr	1
C792	067G215D2212KV	EC 220uF 20% 10V 6.3*11mm	1
C764	067G215H101 4C	EC 100UF 20% 25V SY 8*7	1
L746	073G 253211 L	CHOKE COIL 68UH 25% CC-012576-1	0
L746	073G 253211 S	CHOKE COIL 68UH 25% LG-DR0810-18409	1
CN742	088G 350 1A CL HF	USB CONNECTOR AX2 NO SPRING	1
CN741	088G 3512B1 CL	USB CONN 4PIN BLACK USB-04	1
X740	093G 2251B J	CRYSTAL 12MHZ NXS12.000AC30F-KAB10	1
	AIUSBBQM9J	USB BOARD FOR AI	1
C741	067G 3051007PB	EC 10UF 20% 50V 5*11 CD263	1
C742	067G 3051007PB	EC 10UF 20% 50V 5*11 CD263	1
C743	067G 3051007PB	EC 10UF 20% 50V 5*11 CD263	1
C783	067G 3051007PB	EC 10UF 20% 50V 5*11 CD263	1
C778	067G 3051013PB	EC 105C 100uF M 16V 5*11mm JH CD263	1
C787	067G 3051013PB	EC 105C 100uF M 16V 5*11mm JH CD263	1
C788	067G 3051013PB	EC 105C 100uF M 16V 5*11mm JH CD263	1
C791	067G 3051013PB	EC 105C 100uF M 16V 5*11mm JH CD263	1
	SMTUSBBQM9J	USB BOARD FOR SMT	1
	040G 45762420A	LABEL 25x6mm	1
U742	056G 563392	DC/DC NB650GL-Z 6A - QFN17	1
U740	056G 659 35	USB GL852G-MNG12 LQFP48	1
U743	056G 659 51	USB GL887-OCG QFN-16	1
U744	056G 665528	Others IC G5250M1T1U 1A SOT23-5	1
U745	056G 665528	Others IC G5250M1T1U 1A SOT23-5	1
U746	056G 665528	Others IC G5250M1T1U 1A SOT23-5	1
Q742	057G 417511	MMBT3904	1

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Q744	057G 417511	MMBT3904	1
Q741	057G 763 3	AO4411 SO-8 BY AOS	1
R750	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	1
R753	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	1
R776	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R777	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R778	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R788	061G0402101 JY	RST CHIPR 100 OHM +-5% 1/16W YAGEO	1
R795	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	1
R799	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	1
R797	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	1
R739	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	1
R785	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	1
R780	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	1
R769	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	1
R745	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	1
R742	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	1
R796	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN	1
R798	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN	1
R794	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN	1
R773	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN	1
R770	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN	1
R761	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN	1
R741	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN	1
R741	061G0402104 JY	RST CHIPR 100KOHM +-5% 1/16W YAGEO	0
R761	061G0402104 JY	RST CHIPR 100KOHM +-5% 1/16W YAGEO	0
R770	061G0402104 JY	RST CHIPR 100KOHM +-5% 1/16W YAGEO	0
R773	061G0402104 JY	RST CHIPR 100KOHM +-5% 1/16W YAGEO	0
R764	061G0402105 JY	RST CHIPR 1000KOHM 1/16W YAGEO	1
R763	061G0402105 JY	RST CHIPR 1000KOHM 1/16W YAGEO	1
R768	061G0402223 JY	RST CHIPR 22KOHM +-5% 1/16W YAGEO	1
R771	061G0402223 JY	RST CHIPR 22KOHM +-5% 1/16W YAGEO	1
R790	061G0402223 JY	RST CHIPR 22KOHM +-5% 1/16W YAGEO	1
R748	061G0402473 JF	RST CHIPR 47KOHM +-5% 1/16W FENGHUA	1
R748	061G0402473 JY	RST CHIPR 47KOHM +-5% 1/16W YAGEO	0
R749	061G04026800FI	RST 0402 680R 1% 1/16W TA-I	0
R749	061G04026800FT	RST 0402 680R 1% 1/16W	1
FB752	061G0603000 JI	RST 0603 0.05R MAX 1/10W TA-I	0
FB751	061G0603000 JI	RST 0603 0.05R MAX 1/10W TA-I	0
FB751	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	1

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FB752	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R740	061G0603000 JY	RST CHIPR MAX0R05 1/10W YAGEO	1
R762	061G0603104 JT	RST CHIP 100K 1/10W 5% TZAI YUAN	1
R758	061G0603155 Y	RST CHIPR 1.5 MOHM +-5% 1/10W YAGEO	0
R758	061G0603155 JF	RST CHIPR 1.5MOHM 1/10W FENGHUA	1
R759	061G06032002FF	RST CHIPR 20KOHM +-1% 1/10W FENGHUA	1
R759	061G06032002FY	RST CHIP 20K 1/10W 1%	0
R766	061G0603243 JT	RST CHIP 24K 1/10W 5% TZAI YUAN	1
R757	061G0603470 JF	RST CHIPR 47OHM +-5% 1/10W FENGHUA	0
R757	061G0603470 JT	RST CHIP 47R 1/10W 5% TZAI YUAN	1
R765	061G06034701FT	RST CHIP 4K7 1/10W 1%	1
R793	061G06036801FT	RST CHIP 6K8 1/10W 1%	1
R760	061G06038452FF	RST CHIPR 84.5K OHM +- 1% 1/10W FENGHUA	0
R760	061G06038452FT	RST CHIPR 84.5KOHM +-1% 1/10W TZAI YUAN	1
C779	065G040210232K T	CAP CHIP 0402 1000pF 50V X7R	1
C774	065G040210232K T	CAP CHIP 0402 1000pF 50V X7R	1
C771	065G040210232K T	CAP CHIP 0402 1000pF 50V X7R	1
C759	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1
C760	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1
C773	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1
C777	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1
C780	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1
C781	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1
C782	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1
C786	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1
C789	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1
C790	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1
C793	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1
C758	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1
C740	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1
C745	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1
C746	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1
C750	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1
C751	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1
C752	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1
C753	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1
C754	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1
C755	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1
C756	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1
C757	065G040210412K M	CAP 0402 0.1UF 10% 16V X7R	1

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C784	065G0402105A5K M	CAP 0402 1UF 10% 10V X5R	1
C763	065G0402105A5K M	CAP 0402 1UF 10% 10V X5R	1
C761	065G0402105A5K M	CAP 0402 1UF 10% 10V X5R	1
C776	065G0402224A5K T	CAP 0402 0.22UF K X5R	1
C770	065G060310432K A	CAP 0603 100NF 10% 50V X7R	1
C762	065G060310432K A	CAP 0603 100NF 10% 50V X7R	1
C747	065G060310512K 3	CAP 0603 1UF 10% 16V X7R	1
C766	065G060322332K Y	tpv CHIP 0603 22N 50V X7R +/-10%	1
C796	065G060333232K F	CAP CHIP 0603 3.3NF K 50V X7R	1
C775	065G060333332K F	CAP CHIP 0603 33NF K 50V X7R	1
C748	065G060347031J Y	CAP 0603 47PF 5% 50V NP0	1
C749	065G060347031J Y	CAP 0603 47PF 5% 50V NP0	1
C772	065G080510537Z 3	NO-SUGGEST CAP 0805 1UF -20%+80% 50V Y5V	1
C794	065G080510615K T	CHIP 10uF 16V X5R 0805	1
C767	065G1206226A5K M	CAP CHIP 1206 22UF K 10V X5R	0
C768	065G1206226A5K M	CAP CHIP 1206 22UF K 10V X5R	0
C768	065G1206226A5K T	CAP CHIP1206 22uF K 10V X5R	1
C767	065G1206226A5K T	CAP CHIP1206 22uF K 10V X5R	1
FB742	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	0
FB741	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	0
FB747	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	0
FB740	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	0
FB746	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	0
FB745	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	0
FB744	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	0
FB743	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	0
FB742	071G 56K121 TA	CHIP BEAD 120R/6000mA HCB2012KF-121T60	1
FB741	071G 56K121 TA	CHIP BEAD 120R/6000mA HCB2012KF-121T60	1
FB747	071G 56K121 TA	CHIP BEAD 120R/6000mA HCB2012KF-121T60	1
FB740	071G 56K121 TA	CHIP BEAD 120R/6000mA HCB2012KF-121T60	1
FB746	071G 56K121 TA	CHIP BEAD 120R/6000mA HCB2012KF-121T60	1
FB745	071G 56K121 TA	CHIP BEAD 120R/6000mA HCB2012KF-121T60	1
FB744	071G 56K121 TA	CHIP BEAD 120R/6000mA HCB2012KF-121T60	1
FB743	071G 56K121 TA	CHIP BEAD 120R/6000mA HCB2012KF-121T60	1
L745	073G253S 6 M	COMMON FILTER CHOKE 90 ohm HF	1
L744	073G253S 6 M	COMMON FILTER CHOKE 90 ohm HF	1
L743	073G253S 6 M	COMMON FILTER CHOKE 90 ohm HF	1
L742	073G253S 6 M	COMMON FILTER CHOKE 90 ohm HF	1
L741	073G253S 6 M	COMMON FILTER CHOKE 90 ohm HF	1
L740	073G253S 98 DN	SMD CHOKE 47UH 20% 0.064R LZ.29470.B2P	1

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ZD740	093G 39S 48 T	DIODE ZENER RLZ6.2B ROHM	0
ZD740	093G 39S957 T	ZENER RLZ6V2B 6.2V 0.5W LL-34	1
FB749	373G0603107CJM	CHIP INDUCTOR 10NH 5% 0.6A 0.2R	1
FB750	373G0603107CJM	CHIP INDUCTOR 10NH 5% 0.6A 0.2R	1
E715	715G5370T0E000004L	USB PCB FR4 DS 111.2*43*1.6MM	1

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